



SINCE 1978  
**APEX CONNECTOR**

**APEX**

# CONNECTORS

*PRODUCT CATALOG 2013*





# Made in Taiwan

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## APEX 企業與自然共存

APEX 應該視〈人類和地球自然環境共存〉為企業最高指導的原則，所有的 APEX 職員和企業的全部運作，都要以維護自然環境、保護地球為前提。

- 製造低污染的產品
- 製造處理不污染環境
- 所有的廢棄物回收再利用
- 為保護地球環境，貢獻一份心力
- 持續環境保護發展的工作

## APEX Enterprise and Nature Coexistence

Coexistence of human and nature is the highest enterprise principle to APEX.  
All APEX's staff and operation must be based on the premise of preserving natural environment and protecting the earth.

- Manufacturing the low-pollution products
- Manufacturing without polluting the environment
- Recycle and reuse
- Contribution to protecting the earth
- Development of environmental protection

## APEX 企業は自然と共存します

APEX はずっと〈人類と地球の共存する環境〉を企業最高指導の原則とし、全てのAPEX社員及び企業の活動は全て地球環境の保護、維持を前提としております。

- 汚染の少ない製品作り
- 製造プロセスでは環境汚染を下げる
- すべての廃棄物は回収または再利用する
- 地球環境保護のため、気力を持って貢献する
- 環境保護発展の仕事を持続する

1. 本目錄記載數值僅供參考。  
詳細內容請參考式樣書或圖面。

2. 本目錄記載內容為了改進產品如有變更，  
恕不另行通知敬請見諒。

1. The product information in this catalog is for reference only.  
Please request the engineering drawing for the most current and accurate design information.

2. In order to make improvements in the products, we reserve the right to make changes, updates and corrections to the information provided in this catalog at any time.

Subject to change without notice. Thank you for your understanding.

1. 本カタログ記載の数値につきましては、参考数値です。  
詳しい内容につきましては、仕様書、図面を参考して下さい。

2. 本カタログ記載内容は、製品向上のため予告なく  
変更する事がありますのでご了承下さい。



# Contents

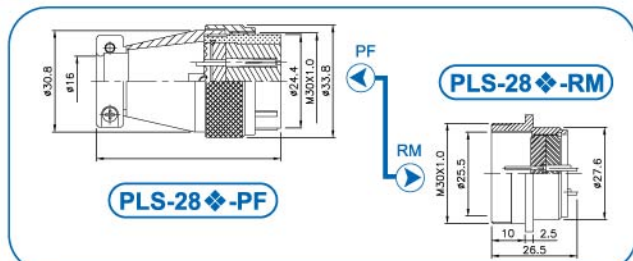
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## Assembling Method(PLS-28) / 組合方法

5



## PLT Series Circular Connectors / 圓型連接器

6

Overview / 產品圖	Series / 系列名稱	Page/頁數
	PLT-8 Series ( INPUT TYPE ) ( OUTPUT TYPE )	8
	PLT-9 Series ( OUTPUT TYPE )	9
	PLT-11 Series ( INPUT TYPE ) ( OUTPUT TYPE )	10
	PLT-14 Series ( OUTPUT TYPE )	11
	PLT-15 Series ( INPUT TYPE )	12
	PLT-15.5-4AD-R PLT-15.5-4P-R	13

Overview / 產品圖	Series / 系列名稱	Page/頁數
	U-C5 PLT-16-P-R PLT-16-R-R PLT-16-LP-R Series (INPUT TYPE)	14
	IP67 Stainless Steel 不鏽鋼材質 PAT	
	PLT-16-PM-R PLT-16-RF-R Series ( OUTPUT TYPE )	15
	PLT-16-A-PM-R PLT-16-A-RF-R Series ( OUTPUT TYPE )	16
	PLT-17 Series ( INPUT TYPE ) Engineering Plastic 工程塑膠	17
	PLT-18 Series ( OUTPUT TYPE )	18
	PLT-18 Series ( OUTPUT TYPE )	18
	PLT-19 Series ( INPUT TYPE )	19



# Contents

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Overview / 產品圖	Series / 系列名稱	Page/頁數
	PLT-25 Series ( INPUT TYPE )	20

	PLT-25 Series ( OUTPUT TYPE ) PLT-254E-RF-R	21
---	---	----

	<b>PAT</b> PLT-25A Series ( INPUT TYPE ) Engineering Plastic 工程塑膠	22
--	---	----

	PLT-30 Series ( INPUT TYPE )	23
---	---------------------------------	----

	<b>PAT</b> PLT-30 Series ( OUTPUT TYPE ) PLT-304E-RF-R PLT-307E-RF-R	24
---	--	----

	<b>PAT</b> PLT-303-PN PLT-303-RN ( INPUT TYPE ) 螺絲鎖附型 Screw-Lockup-Contact Model	25
---	---	----

	PLT3106A / PLT3102A 18-10 Series ( INPUT TYPE ) IP67	26
---	--	----

	PLT3106A / PLT3102A 20-15 Series ( INPUT TYPE ) IP67	27
--	--	----

	PLT3106A / PLT3102A 22-22 Series ( INPUT TYPE ) IP67	28
--	--	----

	PLT-32 Series ( INPUT TYPE )	29
---	---------------------------------	----

	PLT-40 Series ( INPUT TYPE )	30
--	---------------------------------	----

	PLT-40 Series ( OUTPUT TYPE )	31
--	----------------------------------	----

	PLT-50 Series ( INPUT TYPE )	32
--	---------------------------------	----

## PLK Series Circular Connectors / 圓型連接器 33

Overview / 產品圖	Series / 系列名稱	Page/頁數
	PLK-164-RA/PA Series ( INPUT TYPE )	35



# Contents

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Overview / 產品圖	Series / 系列名稱	Page/頁數
	<b>PLK-16 Series</b> ( INPUT TYPE )	<b>36</b>

	<b>PLK-30 Series</b> ( OUTPUT TYPE )	<b>37</b>
---	---	-----------

## PLS Series Square Connectors / 方型連接器 **38**

	<b>PLS-20 Series</b> ( INPUT TYPE )	<b>40</b>
--	--	-----------

	<b>PLS-20 Series</b> ( OUTPUT TYPE ) <b>PLS-203E-RF-R</b> <b>PLS-207E-RF-R</b>	<b>41</b>
---	---	-----------

	<b>PLS-24 Series</b> ( INPUT TYPE )	<b>42</b>
---	--	-----------

	<b>PLS-24 Series</b> ( OUTPUT TYPE )	<b>43</b>
---	---	-----------

	<b>PLS-2710 Series</b> ( OUTPUT TYPE )	<b>44</b>
---	---	-----------

	<b>PLS-28 Series</b> ( INPUT TYPE )	<b>45</b>
--	--	-----------

	<b>PLS-28 Series</b> ( OUTPUT TYPE ) <b>PLS-2812E-RF-R</b>	<b>46</b>
--	--	-----------

	<b>PLS-28 Series</b> ( INPUT TYPE ) • <b>Stainless Steel</b> <b>不鏽鋼材質</b>	<b>47</b>
--	--	-----------

	<b>PLS-35 Series</b> ( INPUT TYPE )	<b>48</b>
--	--	-----------

	<b>PLS-35 Series</b> ( OUTPUT TYPE )	<b>49</b>
--	---	-----------

	<b>PLS-41 Series</b> ( INPUT TYPE ) ( OUTPUT TYPE )	<b>50</b>
--	---	-----------

## PLS Series Square Connectors / 方型連接器 **51**

	<b>PLS-4207 Series</b> ( INPUT TYPE ) ( OUTPUT TYPE )	<b>53</b>
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	<b>PLS-4237 Series</b> ( INPUT TYPE ) ( OUTPUT TYPE )	<b>53</b>
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# Contents

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## PLP Series Connectors / 連接器

54

Overview / 產品圖	Series / 系列名稱	Page/頁數
	PLP Series	54

## New Products / 新產品

55

Overview / 產品圖	Series / 系列名稱	Page/頁數
	PLP-141P20 Series	55

	M-6029 Series	56
---	---------------	----

	PLT-A128-ADF Series	57
---	---------------------	----

	WPM-94 Series	58
---	---------------	----

## PLTS Series Connectors / 連接器

59

Overview / 產品圖	Series / 系列名稱	Page/頁數
	PLTS-40 Series	59

Overview / 產品圖	系列名稱	Page/頁數
	PLT-16-RCa-R	P14

	PLT-16-RCaC-R	P14
--	---------------	-----

	PLT-19-RCa-R PLT-25-RCa-R PLT-30-RCa-R	P19 P20,P21 P23,P24 P25,P37
--	--	--------------------------------------

	PLT-25A-RCa-R PLT-30A-RCa-R	P20,p21 P23,P24 P25,P37
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	PLT-32-RCa-R PLT-40-RCa-R	P29 P30,P31
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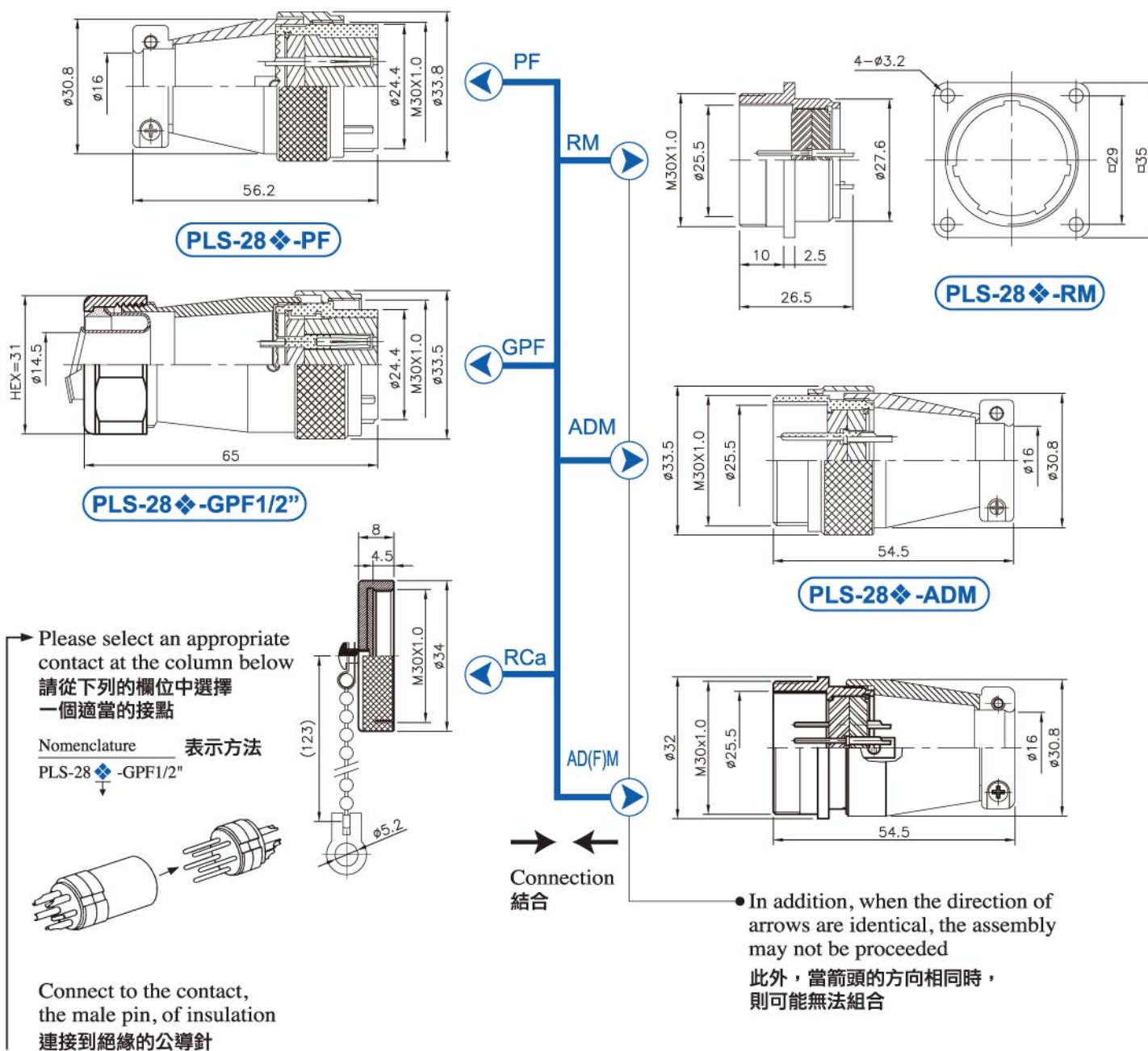
	PLK-16-RCa-R	P36
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	PLS-20-RCa-R PLS-24-RCa-R PLS-28-RCa-R	P40,P41 P42,P43 P45,P46
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	AMS25043-24A	P48,P49
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






### INSTRUCTION



(TÜV Approved)

UL : (UL Approved)(UL 認證)

◆ No. of contacts 接點數目	12	16	17	20	26		
Contacts Configuration 接點方位	 TÜV UL	 TÜV UL	 TÜV UL	 TÜV UL	 TÜV UL		
Rated current / voltage 額定電流 / 電壓	10A 250V	5A 250V	5A 250V	5A 250V	5A 250V		
Operation limit voltage (AC.V.rms) 操作電壓限制	250	250	250	250	250		
Withstanding voltage (AC.V.rms) 1 minute 耐電壓1分鐘	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V 絕緣阻抗	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A 接觸阻抗	5	5	5	3	3		
Solder inter diameter 焊孔內徑	1.6	1.6	1.6	1.2	1.2		





# PLT Series

圓型連接器

**PLT**<sup>®</sup>  
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APEX CONNECTOR



PLT-8 Series



PLT-9 Series



PLT-11 Series



PLT-14 Series



PLT-15 Series



INPUT TYPE  
PAT  
PLT-16 Series



OUTPUT TYPE  
PLT-16A Series



Engineering Plastic 工程塑膠  
PLT-17 Series



PLT-18 Series



PLT-19 Series



PLT-25 Series



PAT  
PLT-25A Series



PLT-30 Series



Screw-Lockup-Contact Model  
螺絲鎖附型  
PAT  
PLT-303 Series



PLT-31 Series



PLT-32 Series



PLT-40 Series



PLT-50 Series





# PLT Series

## 圓型連接器



### ● ORDERING INFORMATION

#### PLT-162-P-R

- RoHS COMPLIANT 歐盟環保指令
- CONNECTOR TYPE 連接器類型
- NO. OF CONTACTS(2-37) 導梢數量
- SHELL SIZE(8,9,11,15,16,17,18,19,25,30,32,40,50) 外殼尺寸
- NAME OF SERIES 系列名稱

P	Plug	插 頭	AD	Adapter	中 繼
R	Receptacle	插 座	Ca	Cap	保護蓋
F	Female	導 梢	RT	Rubber tube	橡膠管
M	Male	導 針	G	Conduit type	軟 管

### ● MATERIAL & FINISH

Kindly instruct material & finish by below types when ordering

Description	Material	Finish
Shell/外殼、本體	<ul style="list-style-type: none"> <li>Stainless Steel/不鏽鋼</li> <li>Zinc Die-Casting/鋅合金壓鑄</li> <li>Aluminum alloy/鋁合金壓鑄</li> </ul>	<ul style="list-style-type: none"> <li>Chrome-plated/鉻電鍍</li> <li>Gold-plated/金電鍍</li> <li>Nickel-plated/鎳電鍍</li> <li>Silver-plated/銀電鍍</li> </ul>
Insulator/絕緣體	<ul style="list-style-type: none"> <li>Bakelite/電木</li> <li>Delrin/塑鋼</li> <li>Teflon Polyethylene/鐵氟龍</li> </ul>	
Contact/接觸體	<ul style="list-style-type: none"> <li>Brass/銅</li> <li>P.Brass/磷銅</li> <li>B.Brass/鈹銅</li> </ul>	<ul style="list-style-type: none"> <li>Gold-plated/金電鍍</li> <li>Nickel-plated/鎳電鍍</li> <li>Silver-plated/銀電鍍</li> </ul>



SHELL  
SIZE

8

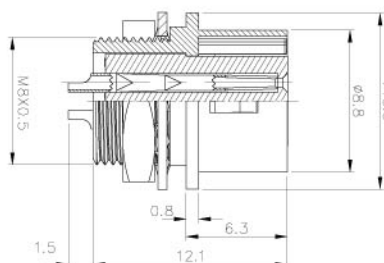
# PLT Series

## Input Type / Output Type

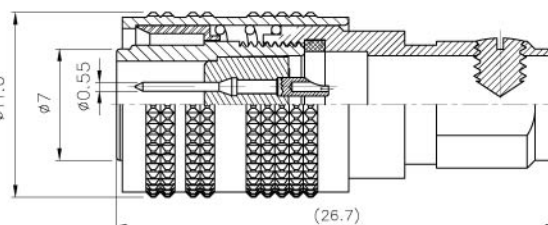
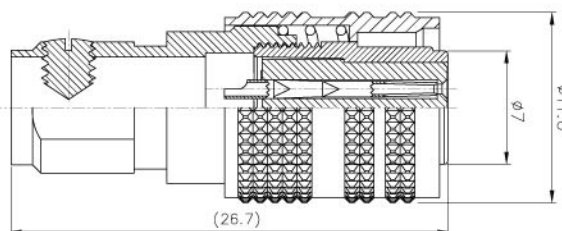
**PLT**<sup>®</sup>

 SINCE 1978  
**APEX CONNECTOR**

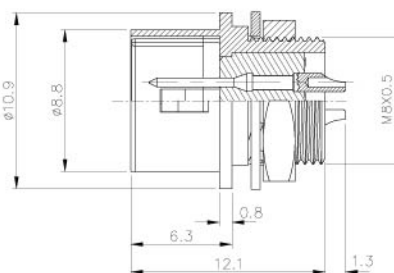
 C<sup>®</sup> **TÜV**

 INPUT TYPE  
 OUTPUT TYPE

**PLT-8♦-RF-R**


PM

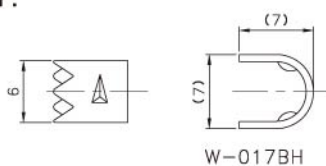

**PLT-8♦-PM-R**

**PLT-8♦-PF-R**


RM

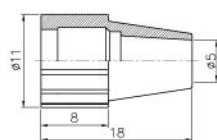

**PLT-8♦-RM-R**

### ACCESSORY:

Cable Clamp



Rubber Pipe


**PLT- 8 Series**

♦ No. of contacts	4	5	6				
Contacts Configuration							
Rated current / voltage	1A 300V	1A 300V	1A 300V				
Operation limit voltage (AC.V.rms)	125	125	125				
Withstanding voltage (AC.V.rms) 1 minute	300	300	300				
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000				
Contact resistance (mΩ MAX.) at DC 1A	10	10	10				



SHELL  
SIZE

9

# Miniature Connectors

Output Type

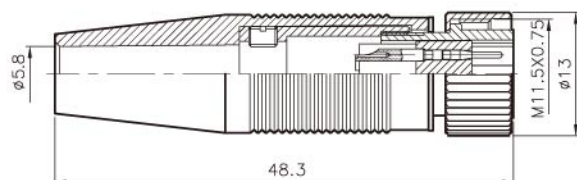
**PLT**<sup>®</sup>

SINCE 1978

 TUV

APEX CONNECTOR

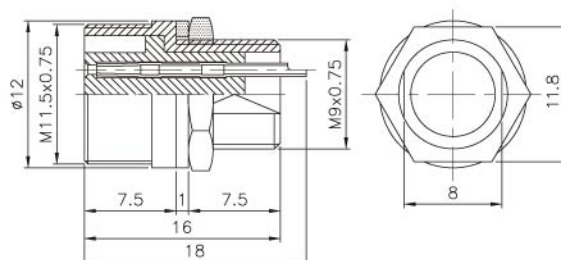
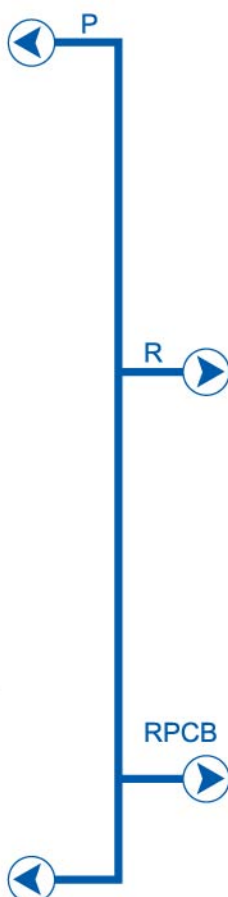
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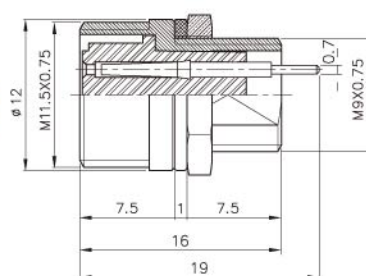
PLT-9-P-R



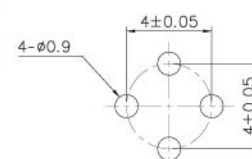
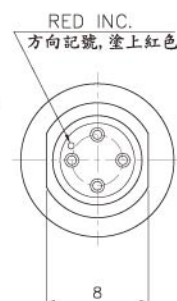
PLT- 9 Series



PLT-9-R-R



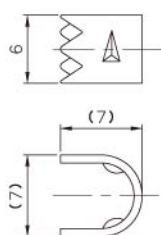
PLT-9-RPCB






P. C. B LAYOUT

Note:

Cable Clamp



W-017BH

◆ No. of contacts	4	6	7				
Contacts Configuration							
Rated current / voltage	1A 300V	1A 300V	1A 300V				
Operation limit voltage (AC.V.rms)	300	300	300				
Withstanding voltage (AC.V.rms) 1 minute	AC300V	AC300V	AC300V				
Insulation resistance (MΩ MIN.) at DC 500V	200	200	200				
Contact resistance (mΩ MAX.) at DC 1A	10	10	10				
Solder inter diameter	0.7	0.7	0.7				



SHELL  
SIZE

11

## PLT Series

Input Type / Output Type

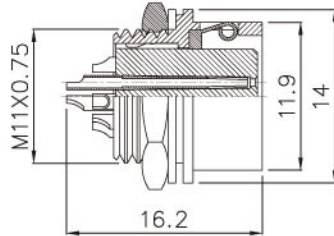


SINCE 1978

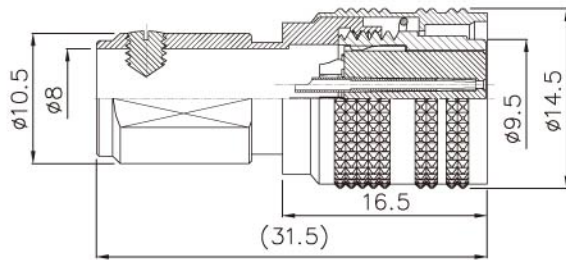


TÜV

APEX CONNECTOR

INPUT TYPE  
OUTPUT TYPE

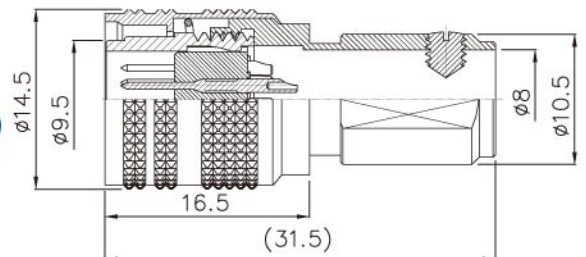
PLT-11♦-RF-R



PLT-11♦-PF-R



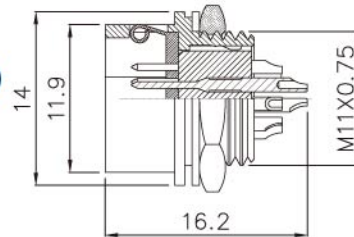
PM



PLT-11♦-PM-R



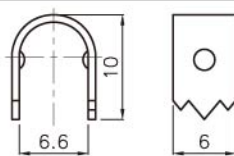
RM



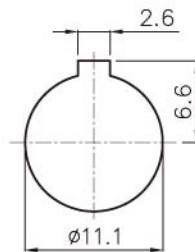
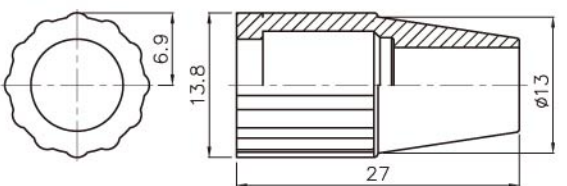
PLT-11♦-RM-R

## ACCESSORY:

## Cable Clamp



## Rubber Pipe



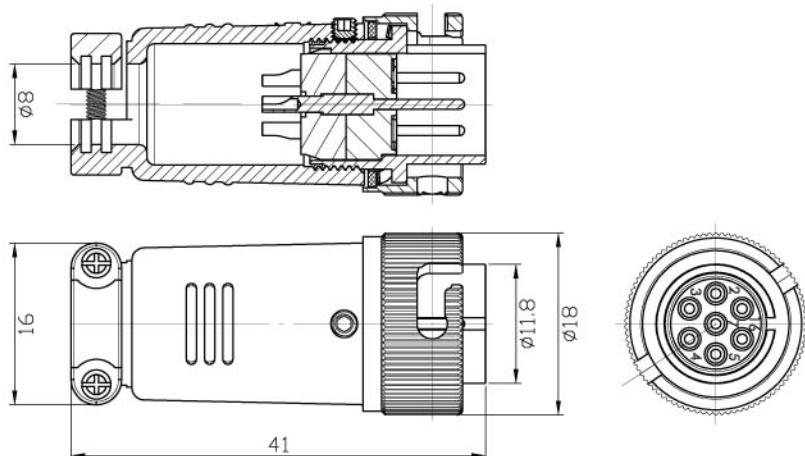
MOUNT HOLE



PLT- 11 Series

♦ No. of contacts	10	12					
Contacts Configuration							
Rated current / voltage	2A 125V	2A 125V					
Operation limit voltage (AC.V.rms)	125	125					
Withstanding voltage (AC.V.rms) 1 minute	125	125					
Insulation resistance (MΩ MIN.) at DC 500V	200	200					
Contact resistance (mΩ MAX.) at DC 1A	30	30					

OUTPUT TYPE

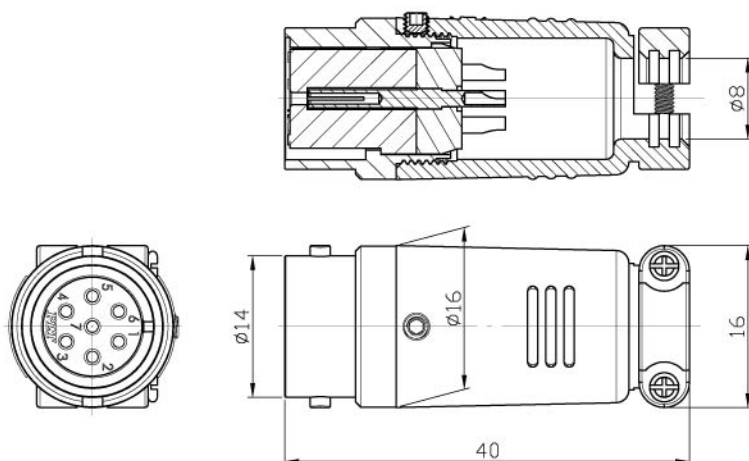


**PLT-14 ♦ -PM-R**



PM

ADF



**PLT-14 ♦ -ADF-R**

♦ No. of contacts	3	4	7				
Contacts Configuration							
Rated current / voltage	5A 125V	5A 125V	5A 125V				
Operation limit voltage (AC.V.rms)	300	300	300				
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000				
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000				
Contact resistance (mΩ MAX.) at DC 1A	4	4	4				



SHELL  
SIZE

15

## PLT Series

Input Type

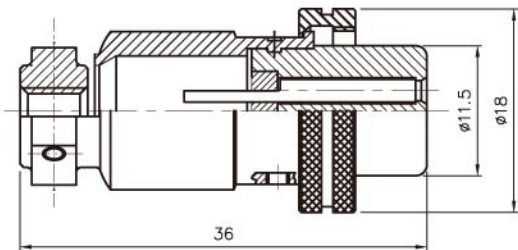


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C<sub>UL</sub> TUV

APEX CONNECTOR

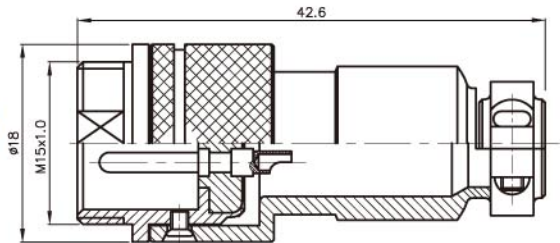
## INPUT TYPE



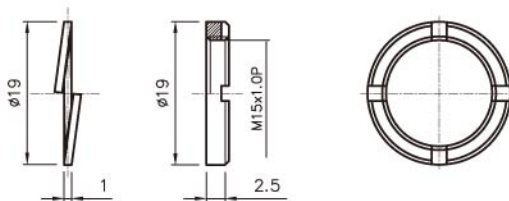
PLT-15-P-R



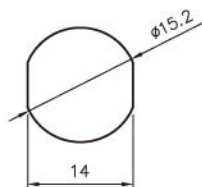
PLT- 15 Series



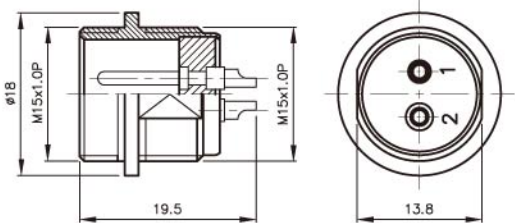
PLT-15-AD-R



## ACCESSORIES

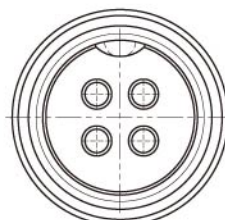
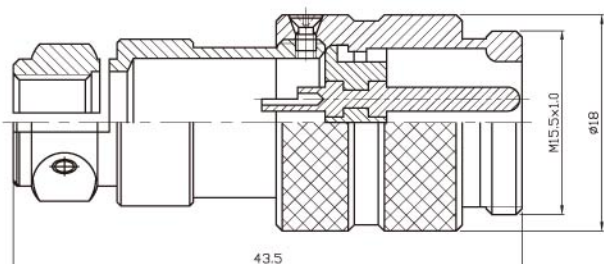


## MOUNTING HOLES



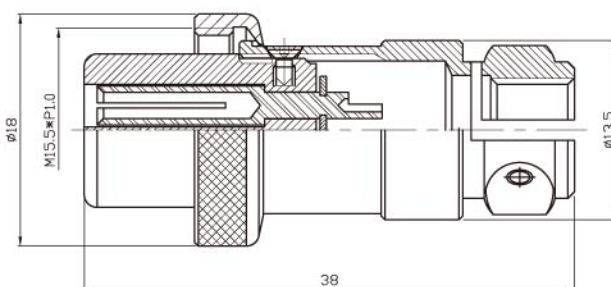
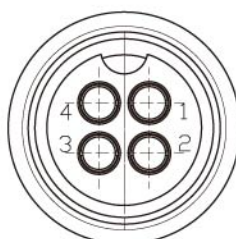
PLT-15-R-R

◆ No. of contacts	2	3	4				
Contacts Configuration							
	TUV	TUV	TUV				
Rated current / voltage	5A 125V	5A 125V	5A 125V				
Operation limit voltage (AC.V.rms)	200	200	200				
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000				
Insulation resistance (MΩ MIN.) at DC 500V	100	100	100				
Contact resistance (mΩ MAX.) at DC 1A	10	10	10				
Solder inter diameter	1.8 / 2.3	1.8 / 2.3	1.5				



**PLT- 15.5 Series**

**PLT-15.5-4AD-R**



**PLT-15.5-4P-R**

◆ No. of contacts	4						
Contacts Configuration							
Rated current / voltage	5A 150V						
Operation limit voltage (AC.V.rms)	200						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	1000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	1						



SHELL  
SIZE

16

## PLT Series

Input Type

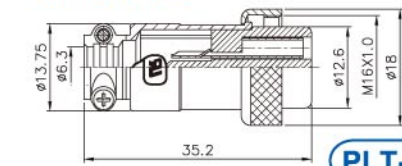


CULUS TÜV

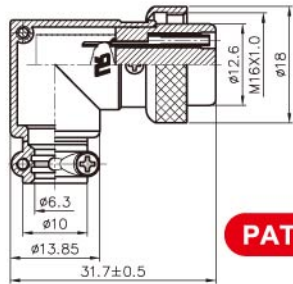
SINCE 1978  
APEX CONNECTOR

## INPUT TYPE

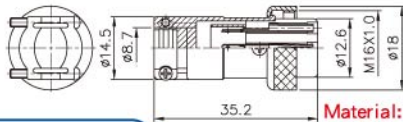
IP67



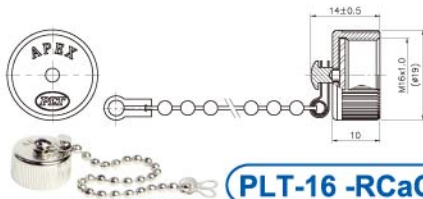
PLT-16-P-R



PAT PLT-16-LP-R

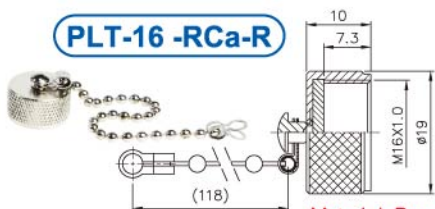


PLT-16-PA-R

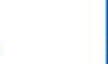
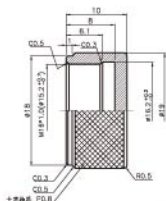
Material: Zinc Alloy  
材質: 鋅合金

PLT-16-RCaC-R

PLT-16-RCa-R

Material: Brass  
材質: 銅Material: Brass  
材質: 銅

U-C5

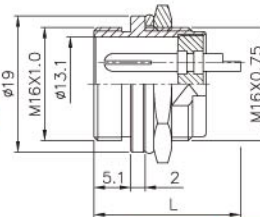


Stainless Steel 不銹鋼材質

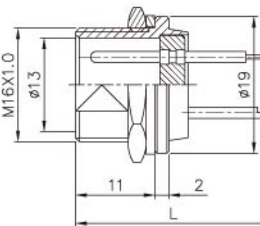
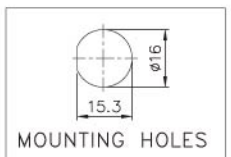
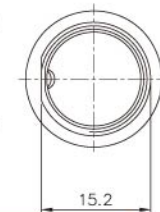


PLT-16 Series

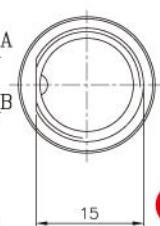
PIN	2	3	4	5	6	7	8
L	20.5	20.5	20.5	20.5	19	19	19



PAT PLT-16-R-R

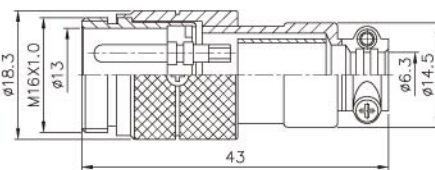


PAT PLT-16-RL-R

\*A: PCB TYPE  
\*B: SOLDERING TYPE

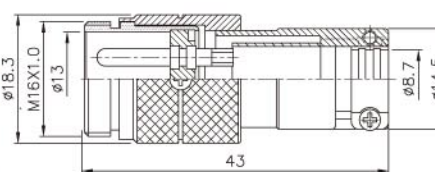
FORM 1 FOR PLT-16*-RL						
LENGTH	L1	L2	L3	L4	L5	L6
SIZE	20.5	23.5	29	30.5	21.5	21.5

*FORM 2 (ACCESSORIES)			
A1	A2	A3	A4



PLT-16-AD-R

PD:98441

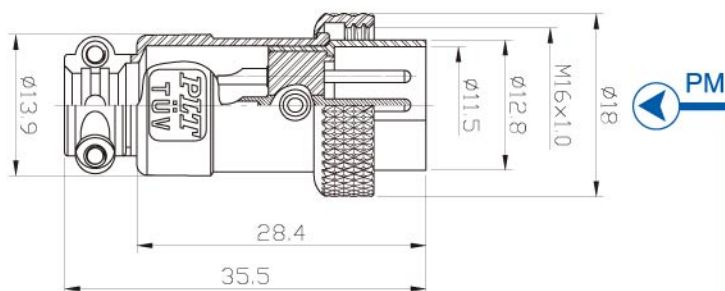


PLT-16-ADA-R

(Patent of invention, all rights reserved 專利產品、仿冒必究)

◆ No. of contacts	2	3	4	5	6	7	8		
Contacts Configuration									
	TÜV	TÜV	TÜV	TÜV	TÜV	TÜV	TÜV		
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V		
Operation limit voltage (AC.V.rms)	200	200	200	200	200	200	200		
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3	3	3		
Solder inter diameter	1.4	1.4	1.4	1.2	0.8	0.8	0.8		

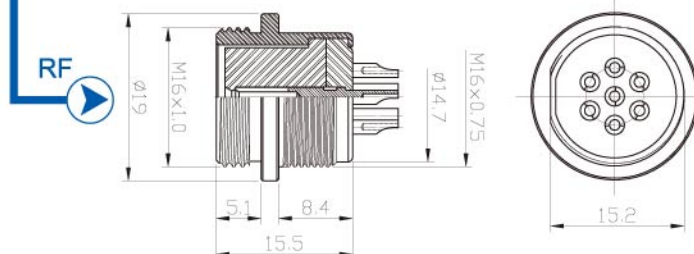
## OUTPUT TYPE



**PLT-16-PM-R**



**PLT- 16 Series**



**PLT-16-RF-R**

◆ No. of contacts	2	3	4	5	6	7	8		
Contacts Configuration									
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V		
Operation limit voltage (AC.V.rms)	200	200	200	200	200	200	200		
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3	3	3		
Solder inter diameter	1.4	1.4	1.4	1.2	0.8	0.8	0.8		





# PLT Series

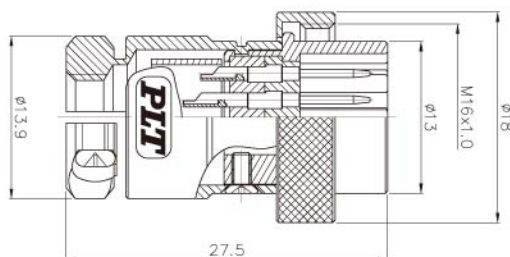
Output Type



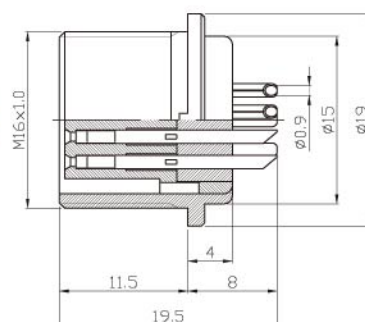
CALUS TÜV

SINCE 1978  
APEX CONNECTOR

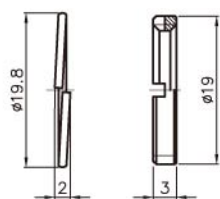
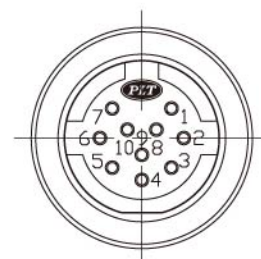
OUTPUT TYPE



PLT-16♦A-PM-R



PLT-16♦A-RF-R

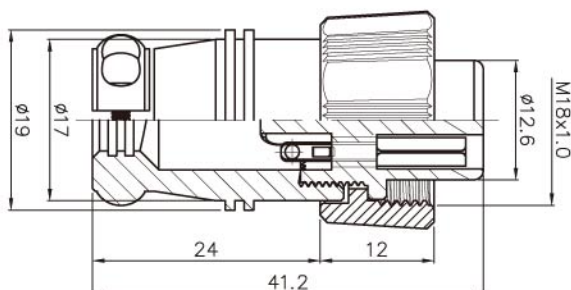


ACCESSORIES

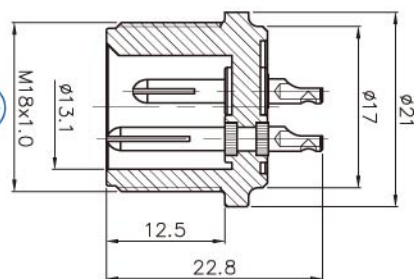


♦ No. of contacts	10								
Contacts Configuration									
Withstanding voltage (AC.V.rms) 1 minute	1000								
Insulation resistance (MΩ MIN.) at DC 500V	100								
Contact resistance (mΩ MAX.) at DC 1A	10								

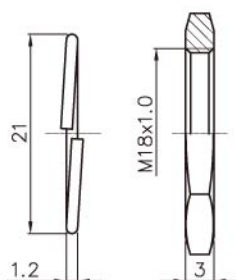
INPUT TYPE



PLT-17◆-P-R



PLT-17◆-R-R



ACCESSORIES



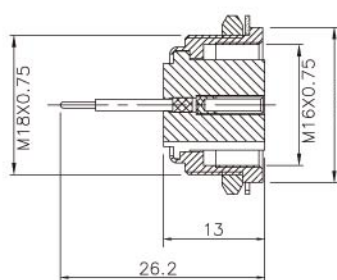
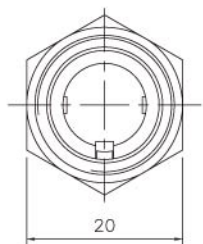
PLT- 17 Series

(Engineering Plastic 工程塑膠)

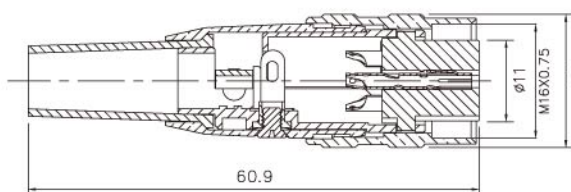
◆ No. of contacts	2	3	4	5	6	7	8		
Contacts Configuration									
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V	5A 125V		
Operation limit voltage (AC.V.rms)	200	200	200	200	200	200	200		
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3	3	3		
Solder inter diameter	1.4	1.4	1.4	1.2	0.8	0.8	0.8		



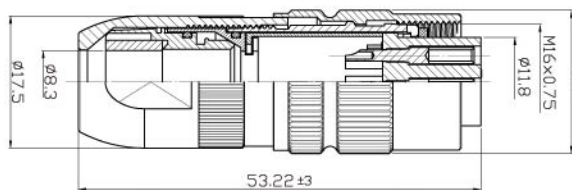
## OUTPUT TYPE



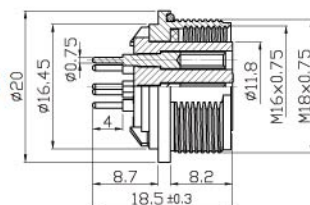
PLT-18◆-RF



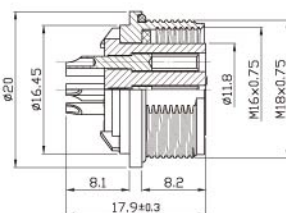
PLT-18◆-ADF



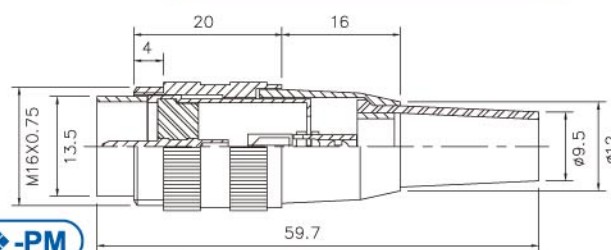
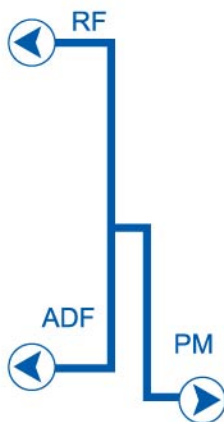
PLT-18 ♦ A-PF-R



PLT-18 ♦ A-RF-R



PLT-18 ♦ B-RF-R



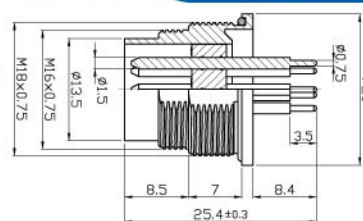
PLT-18◆-PM



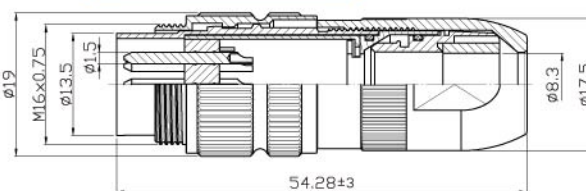
## PLT- 18 Series






## PLT- 18 Series



PLT-18 ♦ A-RM-R



PLT-18 ♦ A-PM-R

◆ No. of contacts	5	7	8				
Contacts Configuration	 TÜV	 TÜV	 TÜV				
Rated current / voltage	5A 125V	5A 125V	5A 125V				
Operation limit voltage (AC.V.rms)	200	200	200				
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000				
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000				
Contact resistance (mΩ MAX.) at DC 1A	3	3	3				
Solder inter diameter	1.55	1.55	1.55				

SHELL  
SIZE

19

# PLT Series

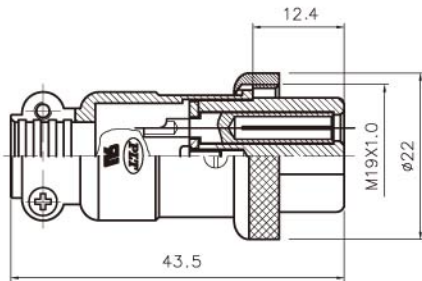
Input Type



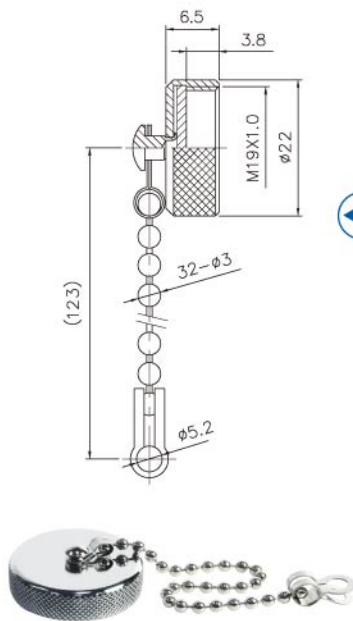
CE TUV

SINCE 1978  
APEX CONNECTOR

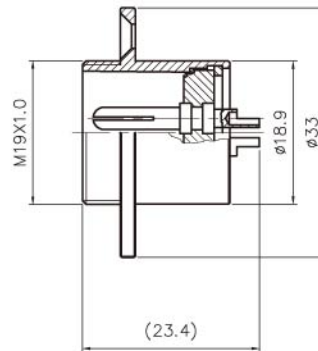
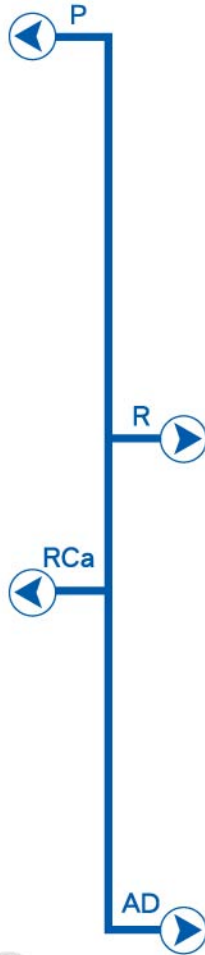
INPUT TYPE



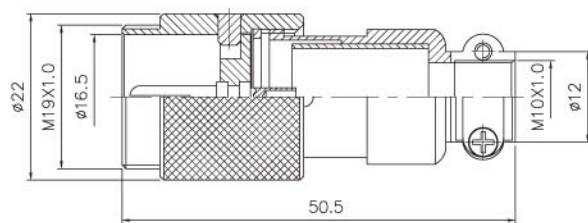
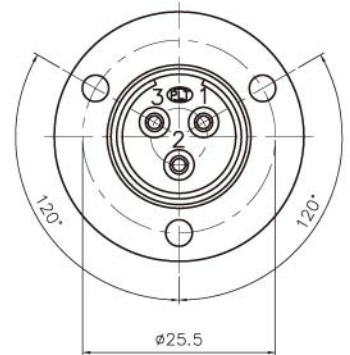
PLT-19-P-R



PLT-19-RCa-R






PLT-19-R-R



PLT-19-AD-R



PLT- 19 Series

◆ No. of contacts	2	3	4				
Contacts Configuration							
	TUV	TUV	TUV				
Rated current / voltage	7A 250V	7A 250V	7A 250V				
Operation limit voltage (AC.V.rms)	250	250	250				
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000				
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000				
Contact resistance (mΩ MAX.) at DC 1A	3	3	3				
Solder inter diameter	1.7	1.7	1.7				



SHELL  
SIZE  
**25**

# PLT Series

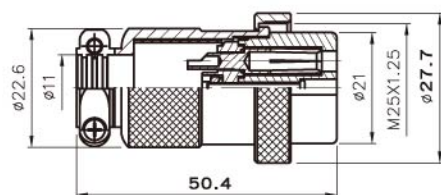
Input Type

**PLT**<sup>®</sup>

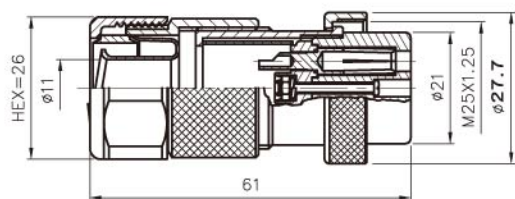
C<sup>®</sup> TUV

SINCE 1978  
**APEX CONNECTOR**

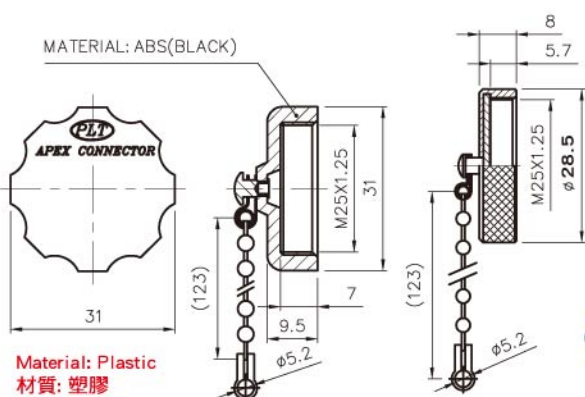
INPUT TYPE



**PLT-25-P**



**PLT-25-GP3** 3=轉接3/8"軟管



Material: Plastic  
材質: 塑膠

Material: Zinc Alloy  
材質: 鋅合金



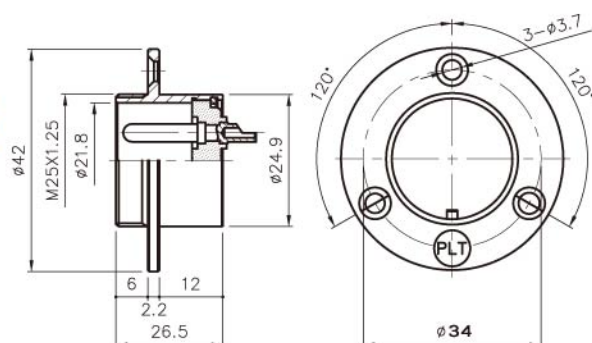
**PLT-25A-RCa-R**



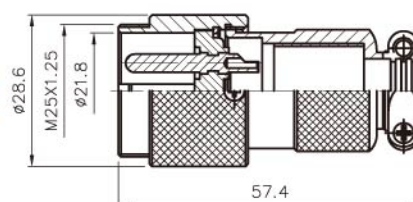
**PLT-25-RCa-R**













**PLT-25 Series**



**PLT-25-R**



**PLT-25-AD**

◆ No. of contacts	2	3	4	5	6		
Contacts Configuration	 TUV 	 TUV 	 TUV 	 TUV 	 TUV 		
Rated current / voltage	10A 250V	10A 250V	10A 250V	10A 250V	10A 250V		
Operation limit voltage (AC.V.rms)	400	400	400	400	300		
Withstanding voltage (AC.V.rms) 1 minute	2000	2000	2000	1800	1800		
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000	2000		
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3		
Solder inter diameter	1.9	1.9	1.9	1.9	1.9		

SHELL  
SIZE  
**25**

# PLT Series

## Output Type

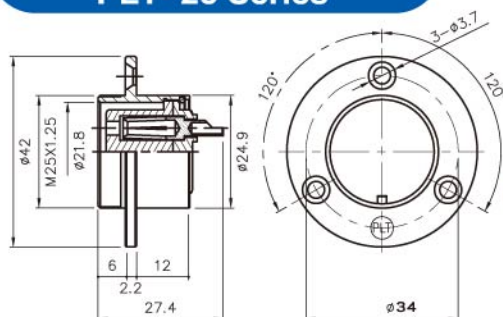
**PLT**<sup>®</sup>

SINCE 1978  
**APEX CONNECTOR**

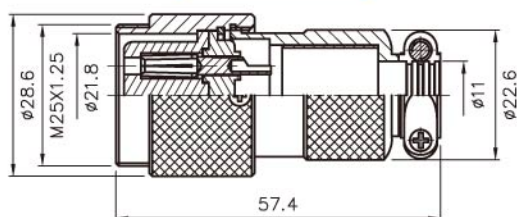
### OUTPUT TYPE



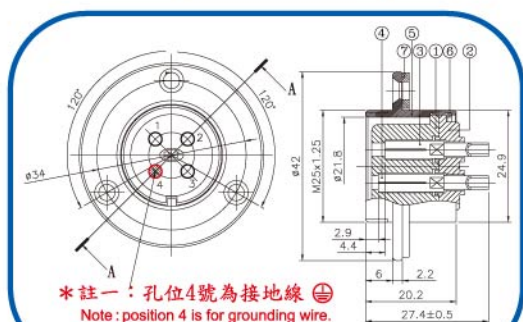
**PLT- 25 Series**



**PLT-25-RF**

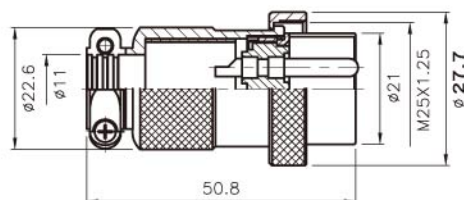


**PLT-25-ADF**



**PLT-254E-RF-R**

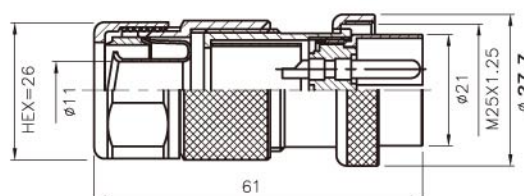
PM



**PLT-25-PM**

RF

GPM



**PLT-25-GPM3** 3=轉接3/8"軟管

ADF

RCa



**PLT-25A-RCa-R**

**PLT-25-RCa-R**

◆ No. of contacts	2	3	4	5	6		
Contacts Configuration							
	TÜV	TÜV	TÜV	TÜV	TÜV		
Rated current / voltage	10A 250V	10A 250V	10A 250V	10A 250V	10A 250V		
Operation limit voltage (AC.V.rms)	400	400	400	400	300		
Withstanding voltage (AC.V.rms) 1 minute	2000	2000	2000	1800	1800		
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000	2000		
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3		
Solder inter diameter	1.9	1.9	1.9	1.9	1.9		





# PLT Series

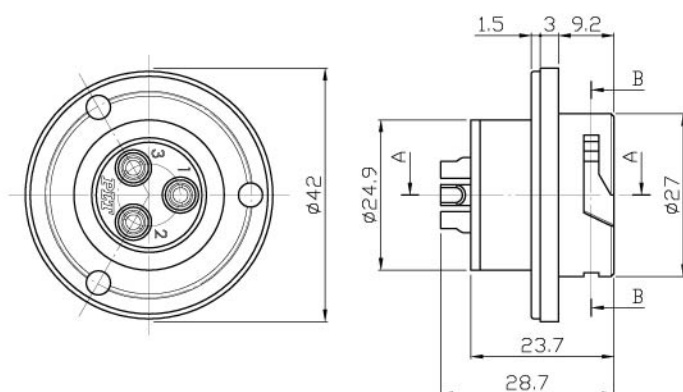
Input Type **PAT**



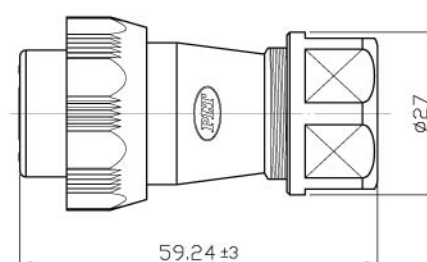
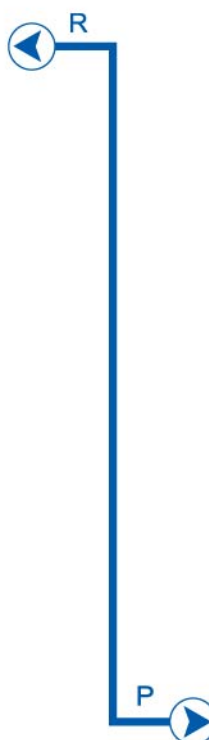
CALUS TÜV

SINCE 1978  
APEX CONNECTOR

INPUT TYPE



**PLT-25A-R-R**



**PLT-25A-P-R**

## (Engineering Plastic 工程塑膠)

◆ No. of contacts	3	4					
Contacts Configuration							
Rated current / voltage	10A 250V	10A 250V					
Operation limit voltage (AC.V.rms)	200	200					
Withstanding voltage (AC.V.rms) 1 minute	1000	1000					
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000					
Contact resistance (mΩ MAX.) at DC 1A	3	3					
Solder inter diameter							

SHELL  
SIZE

30

## PLT Series

Input Type

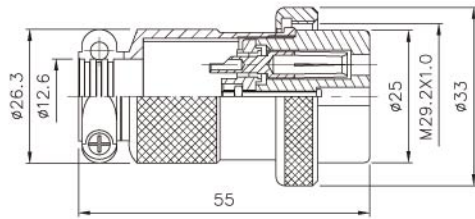


SINCE 1978

CULUS TÜV

APEX CONNECTOR

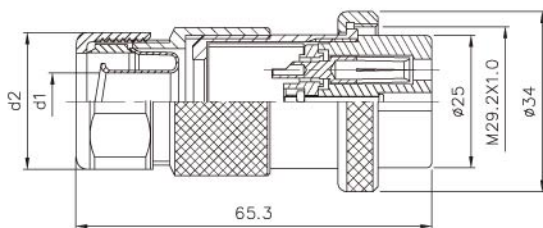
## INPUT TYPE



PLT-30-P

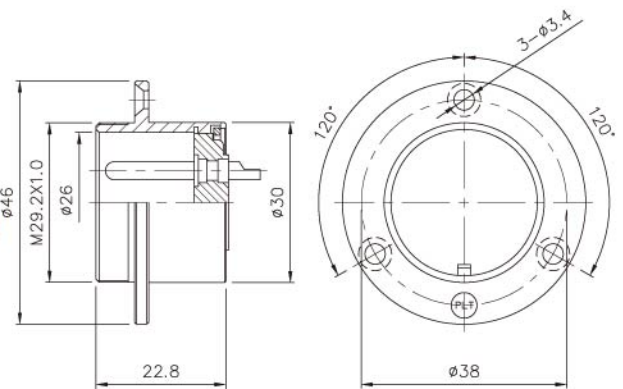


PLT- 30 Series



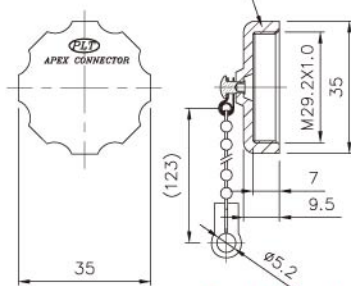
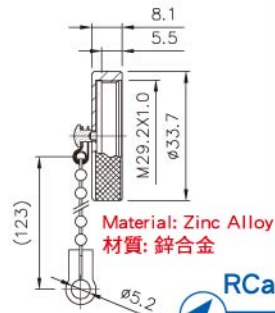
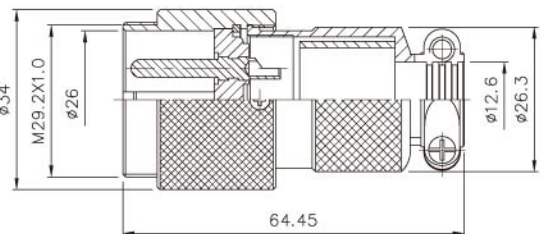
PLT-30-GP

3	3/8" 軟管	d1 ø10.8	d2 ø26.3
4	1/2" 軟管	d1 ø14.3	d2 ø31.2



PLT-30-R

MATERIAL: ABS(BLACK)

Material: Plastic  
材質: 塑膠Material: Zinc Alloy  
材質: 鋅合金

PLT-30-AD



PLT-30A-RCa-R



PLT-30-RCa-R

◆ No. of contacts	2	3	4	5	8		
Contacts Configuration	 TÜV	 TÜV	 TÜV	 TÜV	 TÜV		
Rated current / voltage	15A 250V	15A 250V	15A 250V	15A 250V	10A 250V		
Operation limit voltage (AC.V.rms)	400	400	400	400	300		
Withstanding voltage (AC.V.rms) 1 minute	2000	2000	2000	1800	1800		
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000	2000		
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3		
Solder inter diameter	2.8	2.8	2.8	2.8	2.5		



SHELL  
SIZE

30

## PLT Series

Output Type

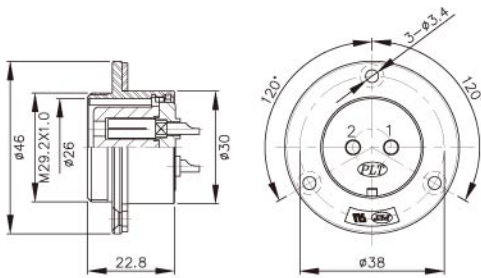
PLT<sup>®</sup>

SINCE 1978

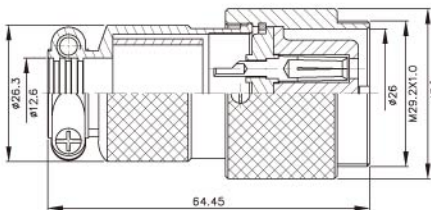
C<sup>®</sup> TUV

APEX CONNECTOR

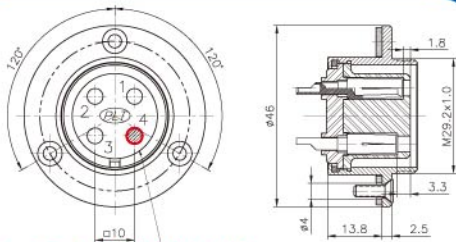
## OUTPUT TYPE



PLT-30-RF

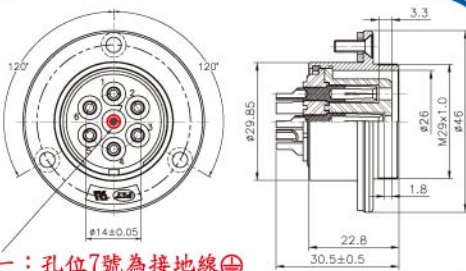


PLT-30-ADF



\*註一：孔位4號為接地線  
Note: position 4 is for grounding wire.

PLT-304E-RF-R

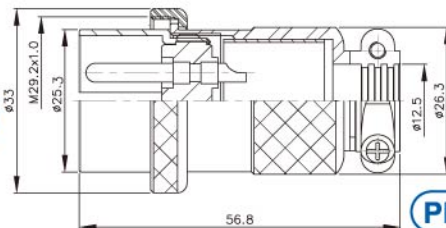


\*註一：孔位7號為接地線  
Note: position 7 is for grounding wire.

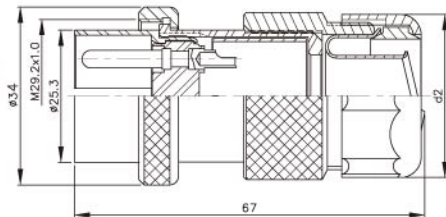
PLT-307E-RF-R



PLT-30 Series



PLT-30-PM

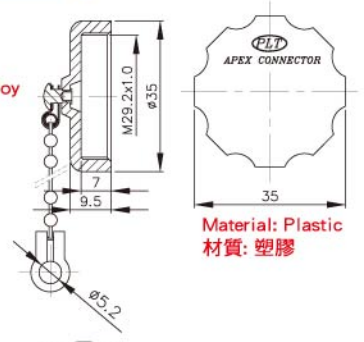


PLT-30-GPM

3	3/8" 軟管	d1	d2
4	1/2" 軟管	d1	d2
		$\phi 10.8$	$\phi 26.3$
		$\phi 14.3$	$\phi 31.2$



PLT-30-RCa-R



PLT-30A-RCa-R

◆ No. of contacts	2	3	4	5	7	8	
Contacts Configuration							
Rated current / voltage	15A 250V	15A 250V	15A 250V	15A 250V	15A 250V	10A 250V	
Operation limit voltage (AC.V.rms)	400	400	400	400	400	300	
Withstanding voltage (AC.V.rms) 1 minute	2000	2000	2000	1800	1800	1800	
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000	2000	2000	
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3	3	3	
Solder inter diameter	2.8	2.8	2.8	2.8	2	2.5	

SHELL  
SIZE  
**30**

# PLT Series

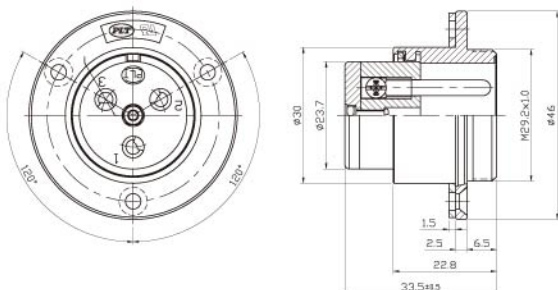
Input Type

**PLT**<sup>®</sup>

C<sup>®</sup> TÜV

SINCE 1978  
APEX CONNECTOR

INPUT TYPE

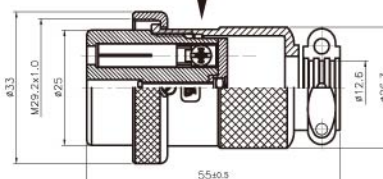
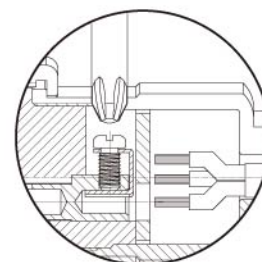


**PAT** **PLT-303-RN**

**RN**



**PLT- 30 Series**



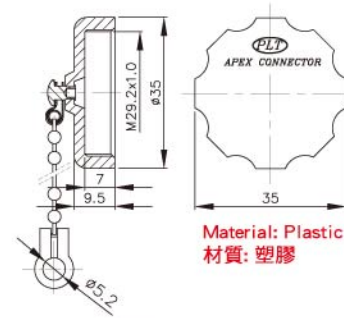
**PAT** **PLT-303-PN**

**PN**

**RCa**



Material: Zinc Alloy  
材質: 鋅合金



Material: Plastic  
材質: 塑膠



**PLT-30-RCa-R**



**PLT-30A-RCa-R**

(Screw-Lockup-Contact Model 螺絲鎖附型)

(Patent of invention , all rights reserved 專利產品、仿冒必究)

No. of contacts	3							
Contacts Configuration								
Rated current / voltage	15A 250V							
Operation limit voltage (AC.V.rms)	400							
Withstanding voltage (AC.V.rms) 1 minute	2000							
Insulation resistance (MΩ MIN.) at DC 500V	2000							
Contact resistance (mΩ MAX.) at DC 1A	3							
Solder inter diameter	2.8							



SHELL  
SIZE

31

# PLT Series

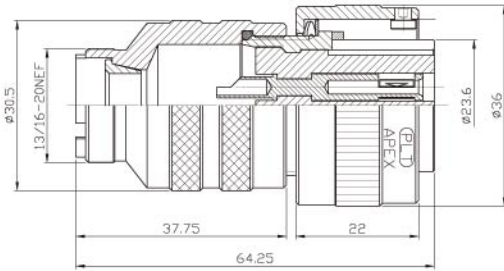
Input Type



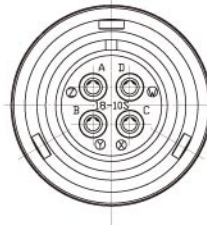
SINCE 1978  
APEX CONNECTOR

CE US TÜV

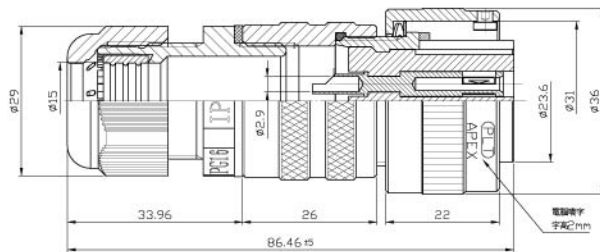
INPUT TYPE



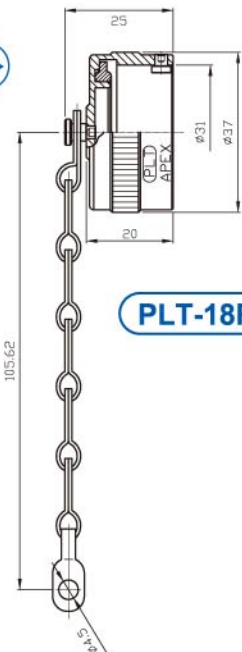
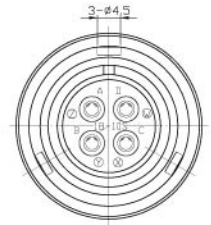
PLT3106A 18-10SA



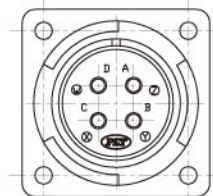
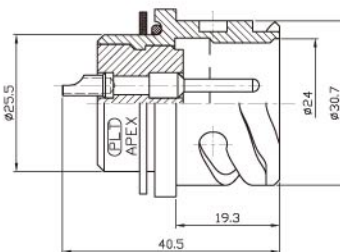
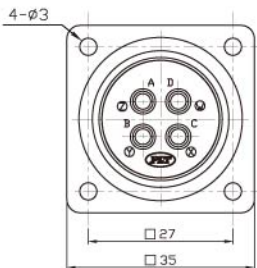
PLT- 31 Series



PLT3106A 18-10SC



PLT-18RCa



PLT3102A 18-10PA

No.	ELECTRICAL SPECIFICATIONS	
1	Withstanding voltage	AC : 2000 V ONE MINUTE
2	Test Current	23 AMPERES
3	Insulation resistance	5000MΩ min. AT DC 500V

31

## Input Type



**RA<sup>®</sup> TUV**



SA

SC

RCa

PA

No.	ELECTRICAL SPECIFICATIONS	
1	Withstanding voltage	AC : <u>2000</u> V ONE MINUTE
2	Test Current	<u>23</u> AMPERES
3	Insulation resistance	5000MΩ min.AT DC 500V



SHELL  
SIZE  
**31**

# PLT Series

Input Type

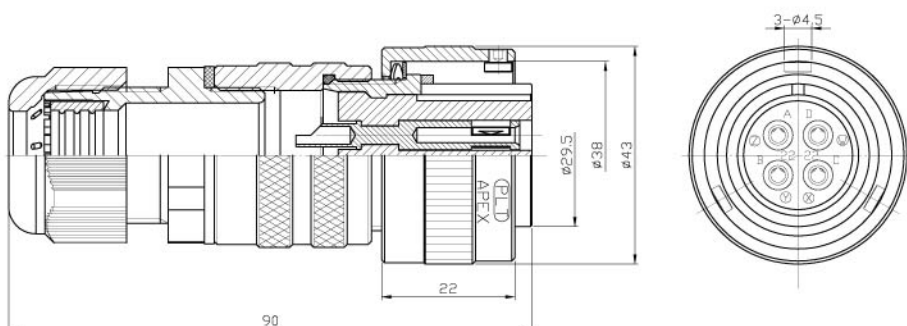
**PLT**<sup>®</sup>

**UL**<sup>®</sup> **TÜV**

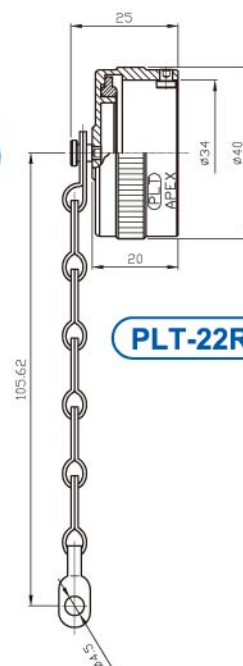
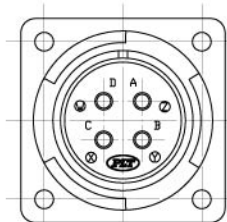
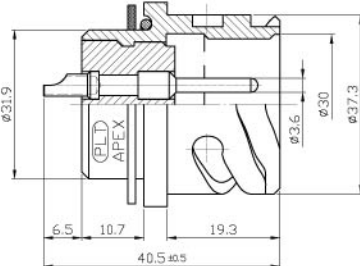
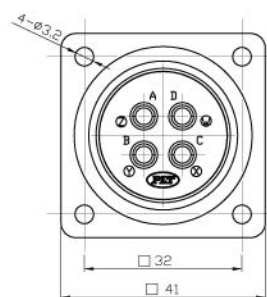
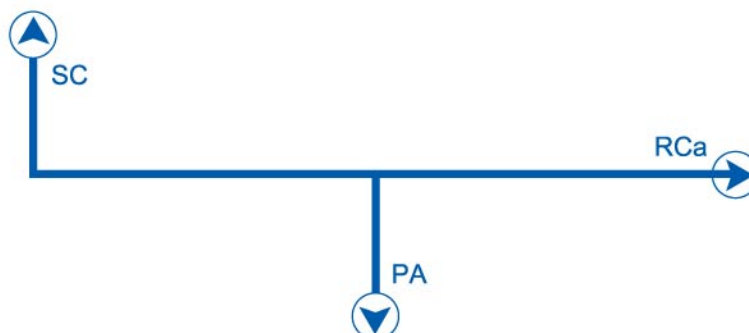
SINCE 1978  
**APEX CONNECTOR**

INPUT TYPE

**IP 67**



**PLT3106A 22-22SC**

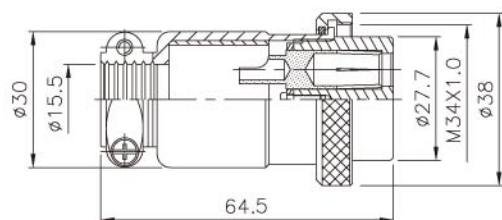


**PLT-22RCa**

**PLT3102A 22-22PA**

No.	ELECTRICAL SPECIFICATIONS	
1	Withstanding voltage	AC : 2000 V ONE MINUTE
2	Test Current	23 AMPERES
3	Insulation resistance	5000M $\Omega$ min. AT DC 500V

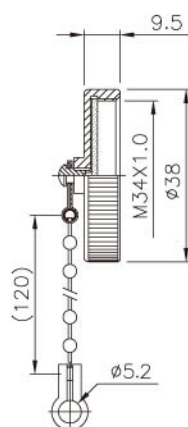
INPUT TYPE



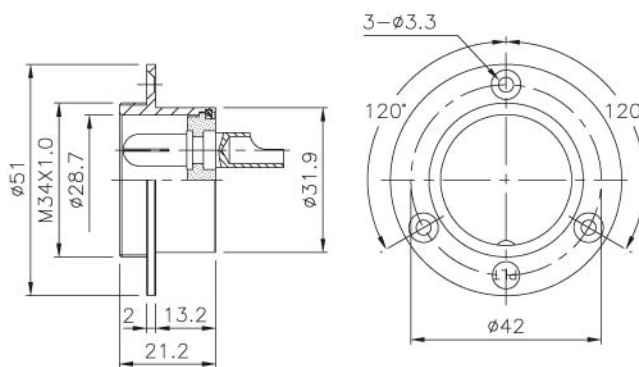
**PLT-32-P**







**PLT- 32 Series**



**PLT-32-RCa-R**

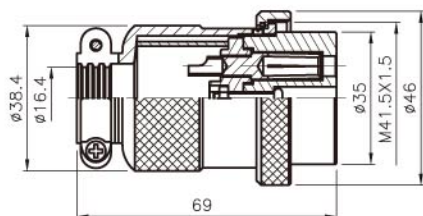


**PLT-32-R**

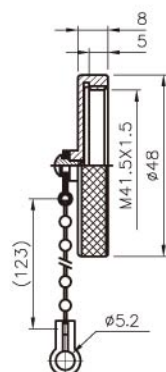
◆ No. of contacts	2	3					
Contacts Configuration							
	TÜV 	TÜV 					
Rated current / voltage	30A 250V	30A 250V					
Operation limit voltage (AC.V.rms)	400	400					
Withstanding voltage (AC.V.rms) 1 minute	2000	2000					
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000					
Contact resistance (mΩ MAX.) at DC 1A	5	5					
Solder inter diameter	6	6					



INPUT TYPE



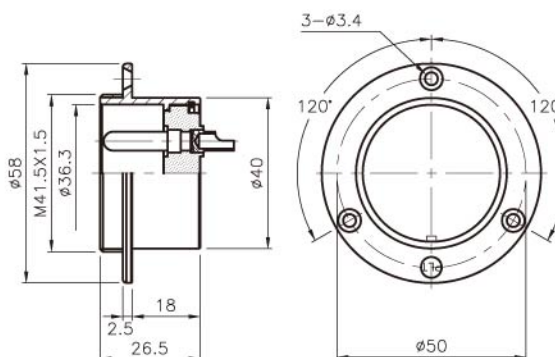
**PLT-40-P**











**PLT-40-RCa-R**



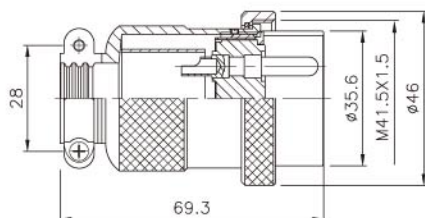
**PLT- 40 Series**



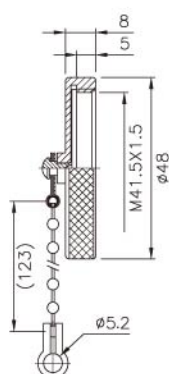
**PLT-40-R**

◆ No. of contacts	4	7	8	37			
Contacts Configuration	 TÜV 	 TÜV 	 TÜV 	 TÜV 			
Rated current / voltage	30A 250V	20A 250V	20A 250V	5A 300V			
Operation limit voltage (AC.V.rms)	500	300	400	300			
Withstanding voltage (AC.V.rms) 1 minute	2500	2000	2000	1000			
Insulation resistance (MΩ MIN.) at DC 500V	2000	1000	2000	1800			
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3			
Solder inter diameter	4	1.5	4.8	1.9			

### OUTPUT TYPE



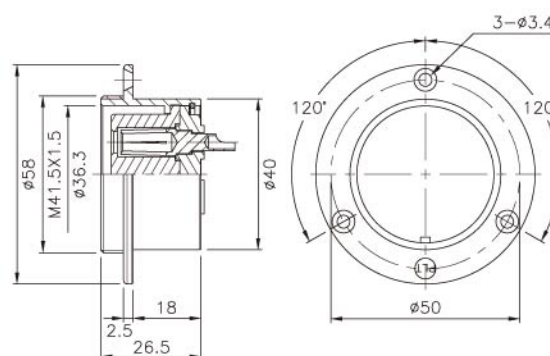
**PLT-40-PM**







**PLT-40-RCa-R**



**PLT- 40 Series**



**PLT-40-RF**

◆ No. of contacts	4	37					
Contacts Configuration							
	TÜV 	TÜV 					
Rated current / voltage	30A 250V	5A 300V					
Operation limit voltage (AC.V.rms)	500	200					
Withstanding voltage (AC.V.rms) 1 minute	2500	1000					
Insulation resistance (MΩ MIN.) at DC 500V	2000	1800					
Contact resistance (mΩ MAX.) at DC 1A	3	3					
Solder inter diameter	4	1.9					



SHELL  
SIZE  
**50**

# PLT Series

Input Type

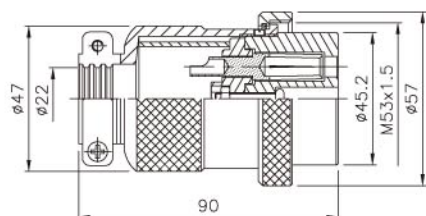
**PLT**<sup>®</sup>

SINCE 1978

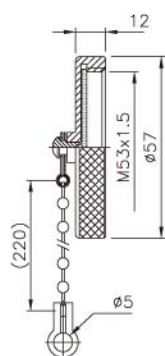
**TÜV**

**APEX CONNECTOR**

INPUT TYPE



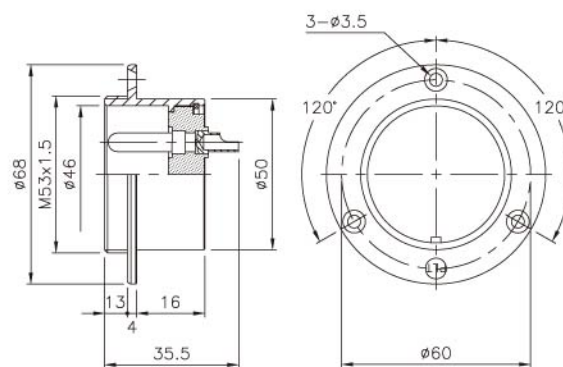
**PLT-50-P**



**PLT-50-RCa**



**PLT- 50 Series**



**PLT-50-R**

◆ No. of contacts	4						
Contacts Configuration							
Rated current / voltage	80A 250V						
Operation limit voltage (AC.V.rms)	600						
Withstanding voltage (AC.V.rms) 1 minute	3000						
Insulation resistance (MΩ MIN.) at DC 500V	5000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter							



# PLK Series

圓型連接器



**PLK-16 Series**



**PLK-30 Series**





# PLK Series

## 圓型連接器



### ● ORDERING INFORMATION

#### PLK-162-P-R

- RoHS COMPLIANT 歐盟環保指令
- CONNECTOR TYPE 連接器類型
- NO. OF CONTACTS 導梢數量
- SHELL SIZE(16,30) 外殼尺寸
- NAME OF SERIES 系列名稱

P	Plug	插 頭	AD	Adapter	中 繼
R	Receptacle	插 座	Ca	Cap	保護蓋
F	Female	導 梢	RT	Rubber tube	橡膠管
M	Male	導 針	G	Conduit type	軟 管

### ● MATERIAL & FINISH

Kindly instruct material & finish by below types when ordering

Description	Material	Finish
Shell/外殼、本體	<ul style="list-style-type: none"> <li>• Stainless Steel/不鏽鋼</li> <li>• Zinc Die-Casting/鋅合金壓鑄</li> <li>• Aluminum alloy/鋁合金壓鑄</li> </ul>	<ul style="list-style-type: none"> <li>• Chrome-plated/鉻電鍍</li> <li>• Gold-plated/金電鍍</li> <li>• Nickel-plated/鎳電鍍</li> <li>• Silver-plated/銀電鍍</li> </ul>
Insulator/絕緣體	<ul style="list-style-type: none"> <li>• Bakelite/電木</li> <li>• Delrin/塑鋼</li> <li>• Teflon Polyethylene/鐵氟龍</li> </ul>	
Contact/接觸體	<ul style="list-style-type: none"> <li>• Brass/銅</li> <li>• P.Brass/磷銅</li> <li>• B.Brass/鈹銅</li> </ul>	<ul style="list-style-type: none"> <li>• Gold-plated/金電鍍</li> <li>• Nickel-plated/鎳電鍍</li> <li>• Silver-plated/銀電鍍</li> </ul>



# PLK Series

Input Type



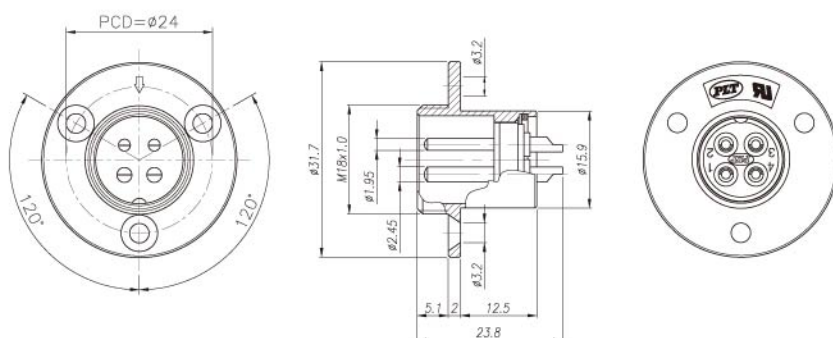
SINCE 1978  
APEX CONNECTOR



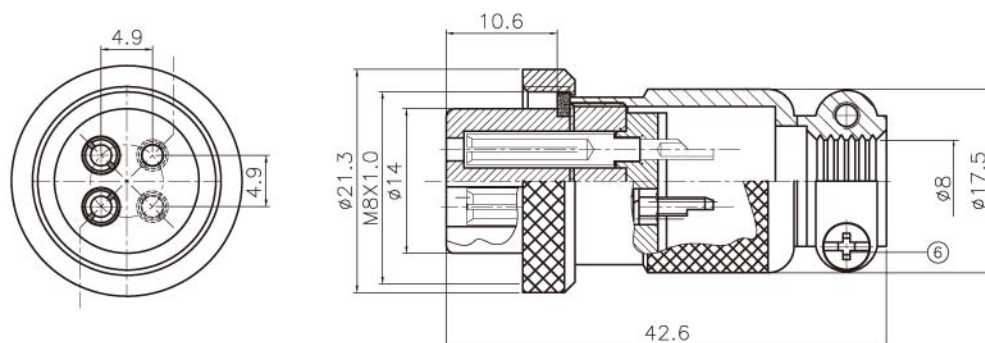
INPUT TYPE



PLK-16 Series



PLK-164-RA



PLK-164-PA

◆ No. of contacts	4						
Contacts Configuration	 TÜV						
Rated current / voltage	5A 125V						
Operation limit voltage (AC.V.rms)	200						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	1000						
Contact resistance (mΩ MAX.) at DC 1A	3						



SHELL  
SIZE

16

## PLK Series

Input Type

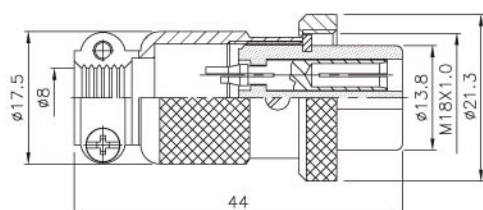


SINCE 1978

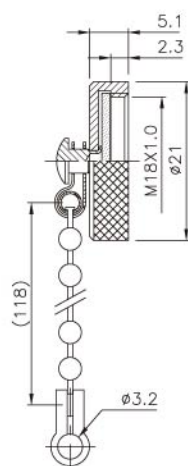
TÜV

APEX CONNECTOR

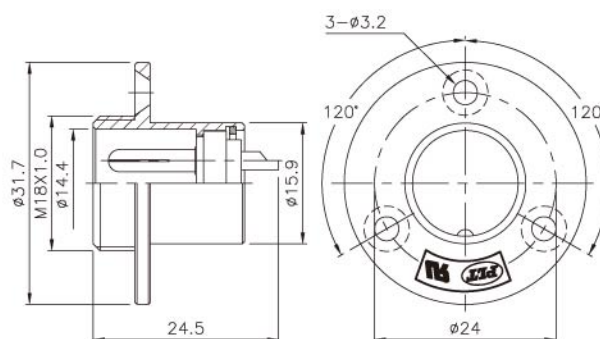
INPUT TYPE



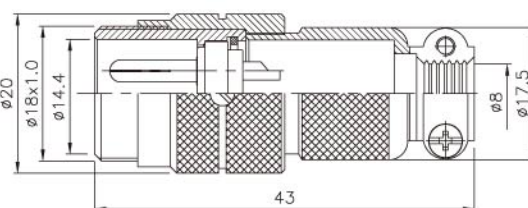
PLK-16-P



PLK-16-RCa-R











PLK-16-RCa-R



PLK-16-AD



PLK- 16 Series

◆ No. of contacts	2	3	4	5			
Contacts Configuration							
	TÜV 	TÜV 	TÜV 	TÜV 			
Rated current / voltage	5A 125V	5A 125V	5A 125V	5A 125V			
Operation limit voltage (AC.V.rms)	200	200	200	200			
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000			
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000			
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3			
Solder inter diameter	1.5	1.5	1.5	1.3			

SHELL  
SIZE

30

## PLK Series

Output Type

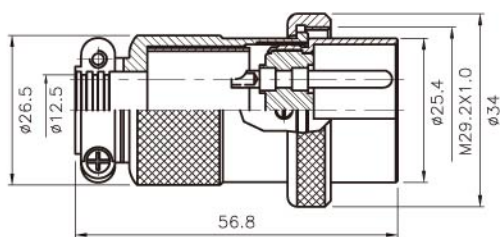


SINCE 1978

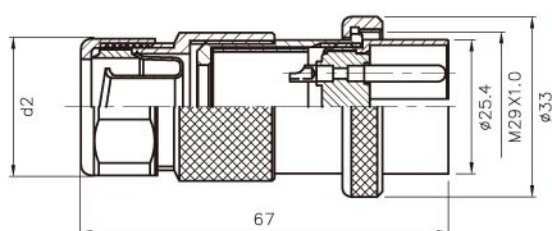


APEX CONNECTOR

## OUTPUT TYPE



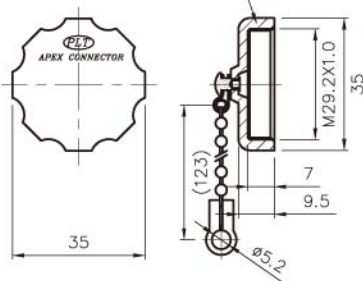
PLK-30-PM



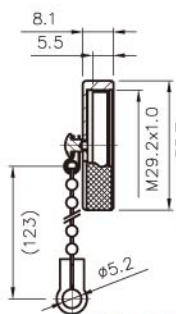
3	3/8" 软管	d1	d2
		ø10.8	ø26.3
4	1/2" 软管	d1	d2
		ø14.3	ø31.2

PLK-30-GPM

MATERIAL: ABS(BLACK)

Material: Plastic  
材質: 塑膠

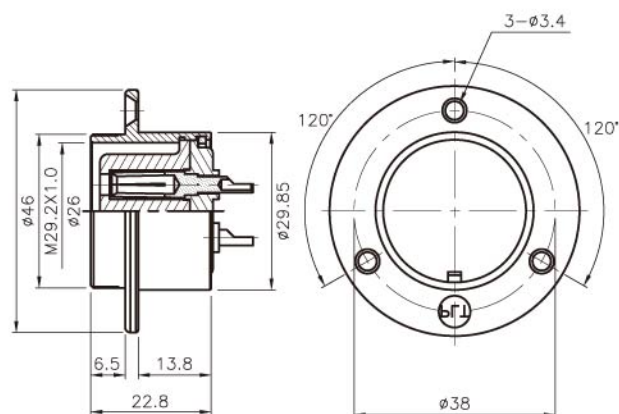
PLT-30A-RCa-R

Material: Zinc Alloy  
材質: 鋅合金

PLT-30-RCa-R



PLK-30 Series



PLK-30-RF

◆ No. of contacts	4	7					
Contacts Configuration	 TÜV	 TÜV					
Rated current / voltage	15A 250V	15A 250V					
Operation limit voltage (AC.V.rms)	400	400					
Withstanding voltage (AC.V.rms) 1 minute	2000	1800					
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000					
Contact resistance (mΩ MAX.) at DC 1A	3	3					
Solder inter diameter	3.5	3					





# PLS Series

方型連接器



PLS-20 Series



PLS-24 Series



PLS-24 Series



PLS-27 Series



PLS-28 Series



(Stainless Steel 不鏽鋼)

PLS-28 Series



PLS-35 Series



PLS-41 Series



# PLS Series

## 方型連接器



### ● ORDERING INFORMATION

#### PLS-202-PM X-R

- NAME OF SERIES 系列名稱
- SHELL SIZE(20,24,28,35,41) 外殼尺寸
- NO. OF CONTACTS(2-26) 導梢數量
- CONNECTOR TYPE 連接器類型
- RoHS COMPLIANT 歐盟環保指令

P	Plug	插 頭	AD	Adapter	中 繼
R	Receptacle	插 座	Ca	Cap	保護蓋
F	Female	導 梢	RT	Rubber tube	橡膠管
M	Male	導 針	G	Conduit type	軟 管

### ● MATERIAL & FINISH

Kindly instruct material & finish by below types when ordering

Description	Material	Finish
Shell/外殼、本體	<ul style="list-style-type: none"> <li>• Stainless Steel/不鏽鋼</li> <li>• Zinc Die-Casting/鋅合金壓鑄</li> <li>• Aluminum alloy/鋁合金壓鑄</li> </ul>	<ul style="list-style-type: none"> <li>• Chrome-plated/鉻電鍍</li> <li>• Gold-plated/金電鍍</li> <li>• Nickel-plated/鎳電鍍</li> <li>• Silver-plated/銀電鍍</li> </ul>
Insulator/絕緣體	<ul style="list-style-type: none"> <li>• Bakelite/電木</li> <li>• Delrin/塑鋼</li> <li>• Teflon Polyethylene/鐵氟龍</li> </ul>	
Contact/接觸體	<ul style="list-style-type: none"> <li>• Brass/銅</li> <li>• P.Brass/磷銅</li> <li>• B.Brass/鈹銅</li> </ul>	<ul style="list-style-type: none"> <li>• Gold-plated/金電鍍</li> <li>• Nickel-plated/鎳電鍍</li> <li>• Silver-plated/銀電鍍</li> </ul>





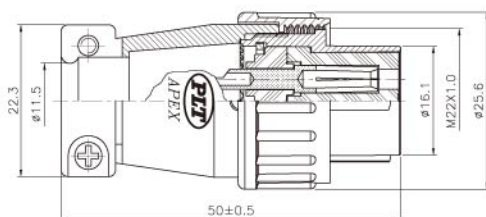
INPUT TYPE

# PLS Series

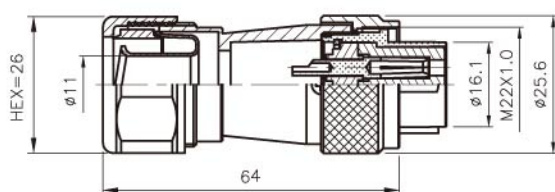
Input Type



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APEX CONNECTOR



PLS-20-PF X-R

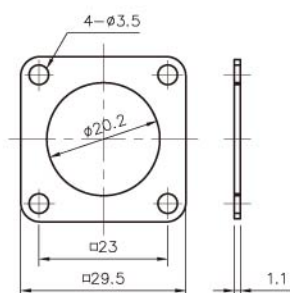


PLS-20-GPF3 3=轉接3/8"軟管



PLS-20-RCa-R

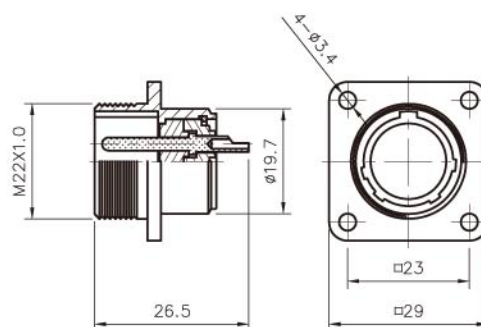
ACCESSORY:



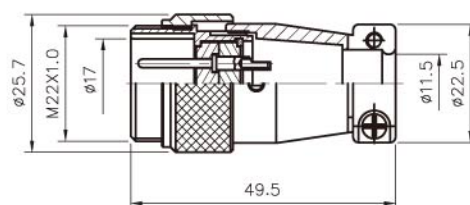
RUBBER PLATE FOR PLS-20-RM



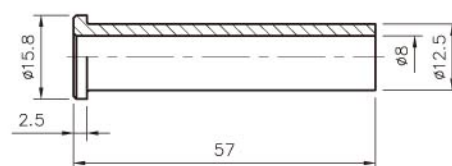
PLS- 20 Series



PLS-20-RM



PLS-20-ADM

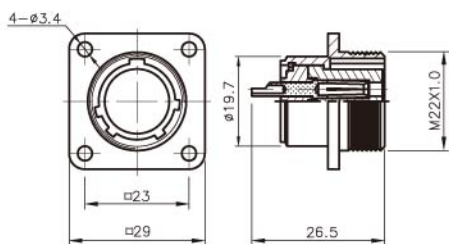


RUBBER TUBE FOR PLS-20-PF

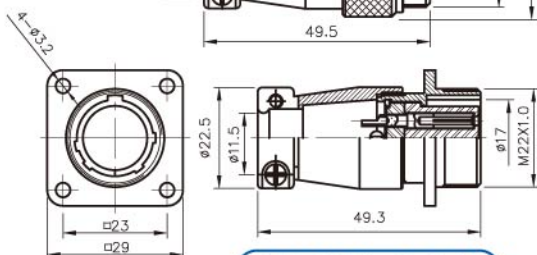
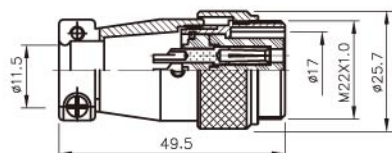
◆ No. of contacts	2	3	4	7			
Contacts Configuration	 TÜV	 TÜV	 TÜV	 TÜV			
Rated current / voltage	15A 250V	15A 250V	10A 250V	10A 250V			
Operation limit voltage (AC.V.rms)	250	250	250	250			
Withstanding voltage (AC.V.rms) 1 minute	1500	1500	1000	1000			
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000			
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3			
Solder inter diameter	1.8	1.8	1.6	1.6			

### OUTPUT TYPE

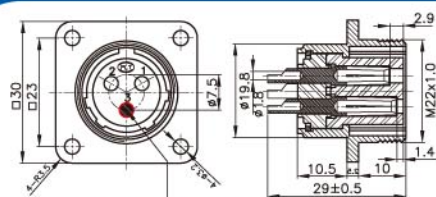
#### PLS-20◆-RF



#### PLS-20◆-ADF

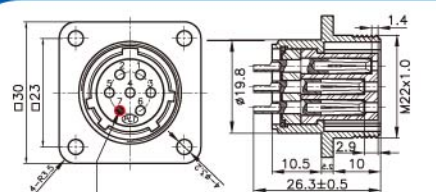


#### PLS-20◆-AD(F)F



\*註一：孔位3號為接地線⊕  
Note: position 3 is for grounding wire.

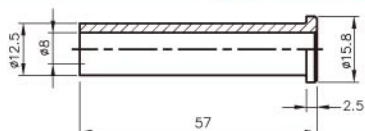
#### PLS-203E-RF-R



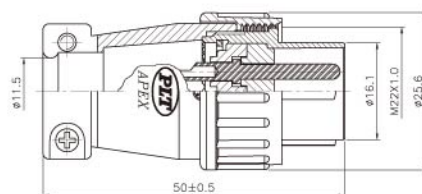
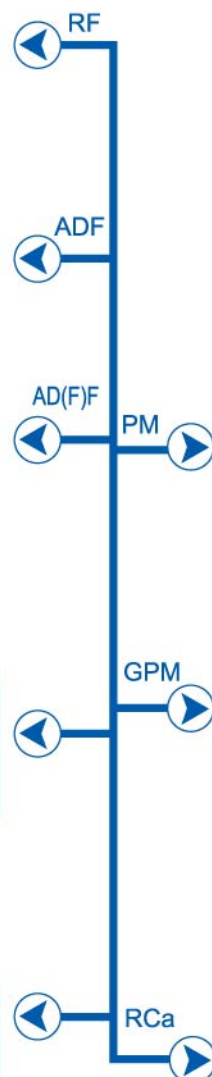
\*註一：孔位7號為接地線⊕  
Note: position 7 is for grounding wire.

#### PLS-207E-RF-R

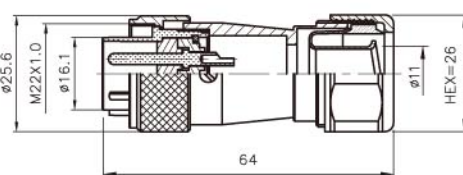
### ACCESSORY:



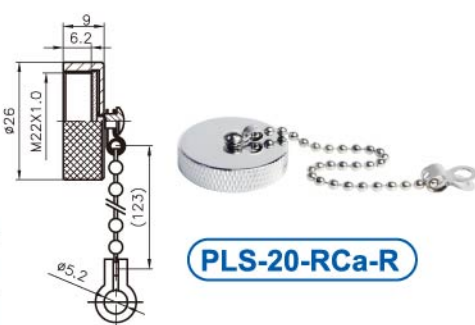
RUBBER PLATE FOR PLS-20◆-PM



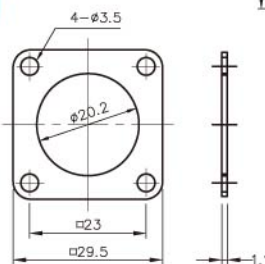
#### PLS-20◆-PM X-R



#### PLS-20◆-GPM3 3=轉接3/8"軟管



#### PLS-20-RCa-R



RUBBER TUBE FOR PLS-20◆-RF

◆ No. of contacts	2	3	4	7			
Contacts Configuration							
	TUV <sup>®</sup>	TUV <sup>®</sup>	TUV <sup>®</sup>	TUV <sup>®</sup>			
Rated current / voltage	15A 250V	15A 250V	10A 250V	10A 250V			
Operation limit voltage (AC.V.rms)	250	250	250	250			
Withstanding voltage (AC.V.rms) 1 minute	1500	1500	1500	1000			
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000	2000	2000			
Contact resistance (mΩ MAX.) at DC 1A	3	3	3	3			
Solder inter diameter	1.8	1.8	1.6	1.6			





INPUT TYPE

# PLS Series

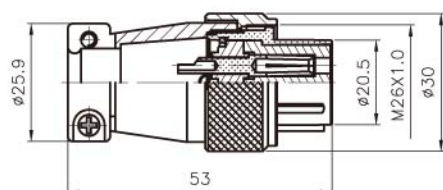
Input Type



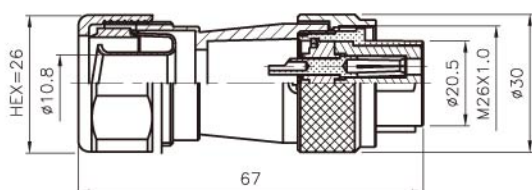
SINCE 1978



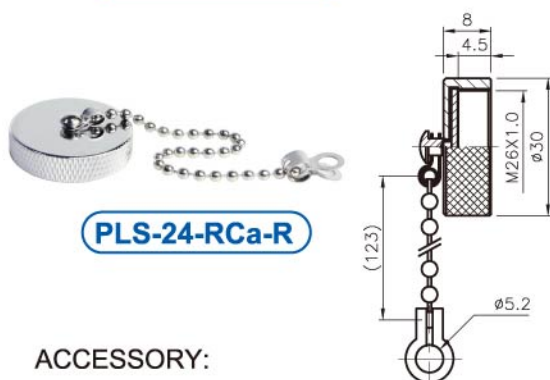
APEX CONNECTOR



PLS-24-PF

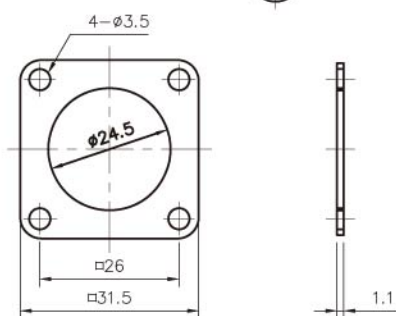


PLS-24-GPF3 3=轉接3/8"軟管

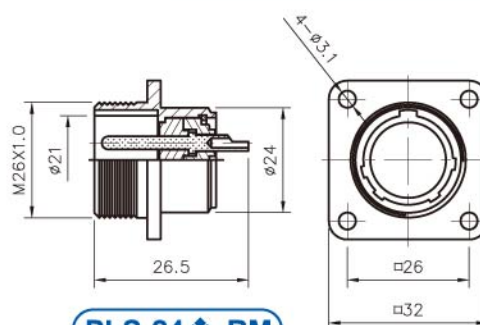


PLS-24-RCa-R

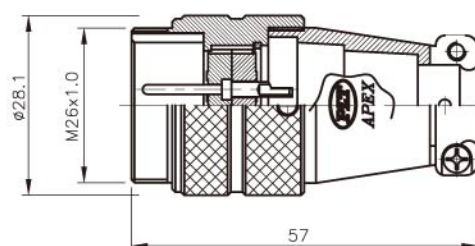
ACCESSORY:



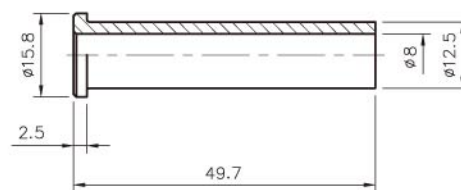
RUBBER PLATE FOR PLS-24-RM



PLS-24-RM



PLS-24-ADM



RUBBER TUBE FOR PLS-24-PF



PLS- 24 Series

No. of contacts	10						
Contacts Configuration	 TUV						
Rated current / voltage	10A 250V						
Operation limit voltage (AC.V.rms)	250						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	2000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	1.6						



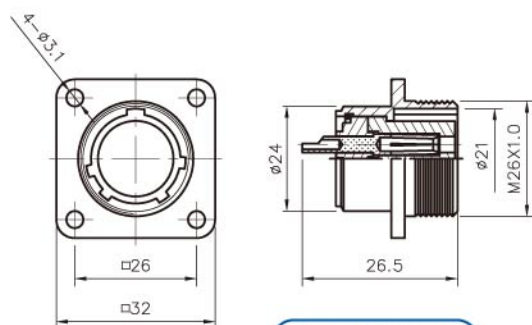
OUTPUT TYPE

# PLS Series

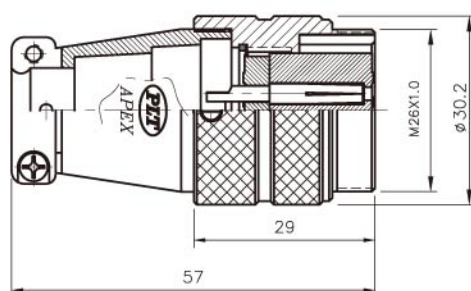
Output Type



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APEX CONNECTOR

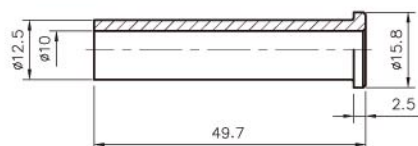


PLS-24-RF

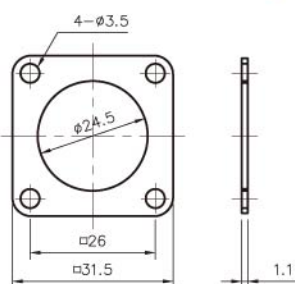


PLS-24-ADF

ACCESSORY:



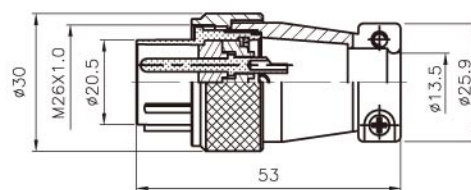
RUBBER TUBE FOR PLS-24-PM



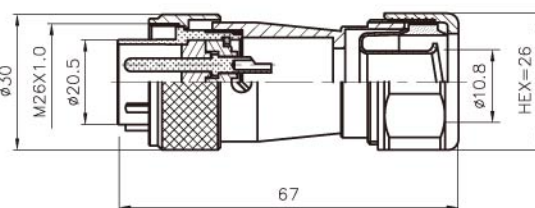
RUBBER PLATE FOR PLS-24-RF



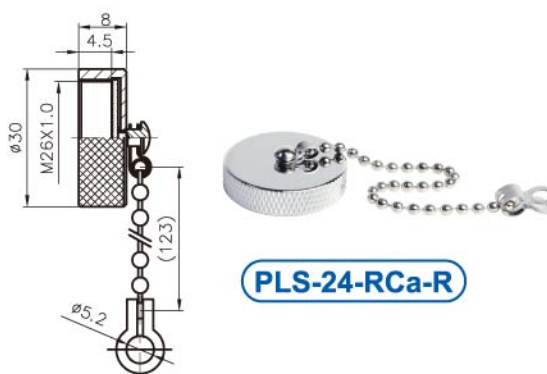
PLS-24 Series



PLS-24-PM



PLS-24-GPM3 3=轉接3/8"軟管



PLS-24-RCa-R

◆ No. of contacts	10						
Contacts Configuration	 						
Rated current / voltage	10A 250V						
Operation limit voltage (AC.V.rms)	250						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	2000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	1.6						





OUTPUT TYPE

# PLS Series

Output Type



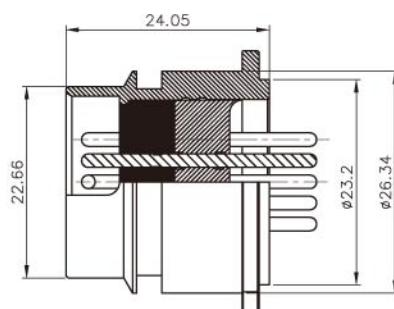
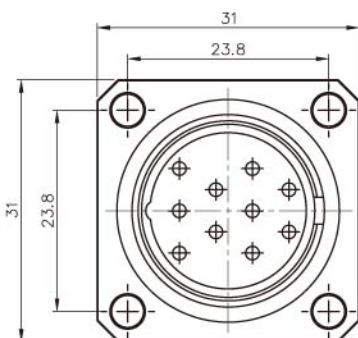
SINCE 1978



APEX CONNECTOR



PLS-27 Series

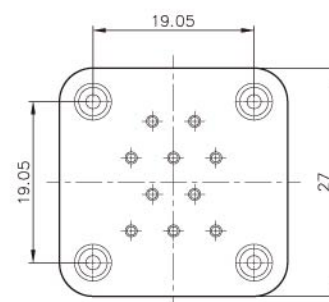
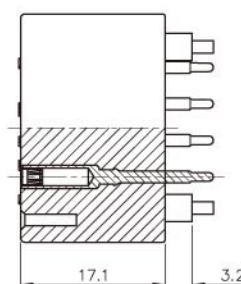
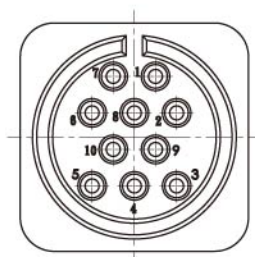


PLS-2710-RM



RM

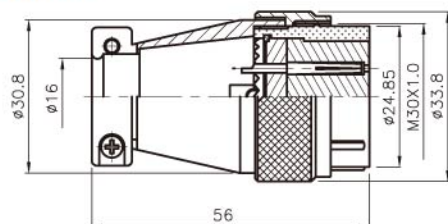
PF



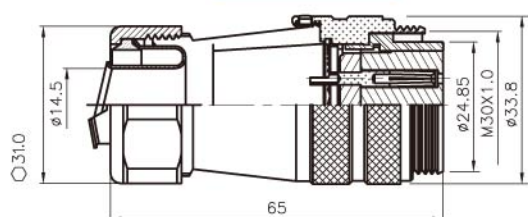
PLS-2710-PF

◆ No. of contacts	10						
Contacts Configuration							
Rated current / voltage	5A 250V						
Operation limit voltage (AC.V.rms)	250						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	1000						
Contact resistance (mΩ MAX.) at DC 1A	5						
Solder inter diameter							

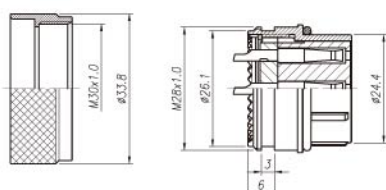
INPUT TYPE



**PLS-28-PF**

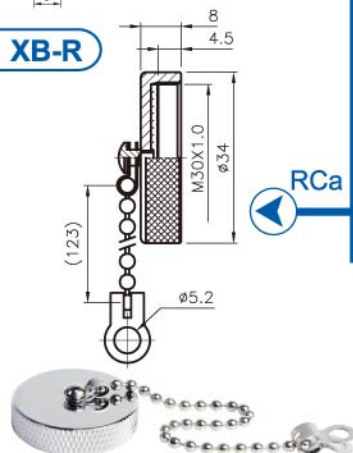
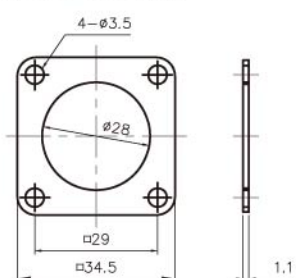


**PLS-28-GPF4** 4=轉接1/2"軟管

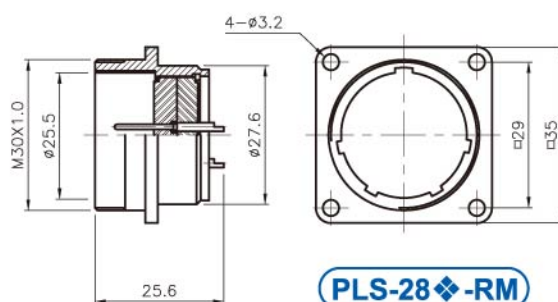


**PLS-28-PFB XB-R**

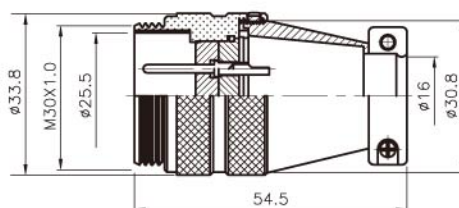
ACCESSORY:



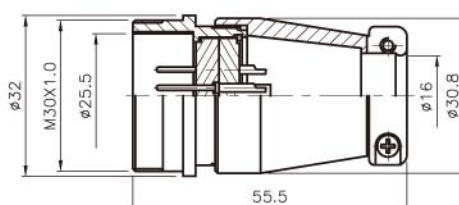
**PLS-28-RCa-R**



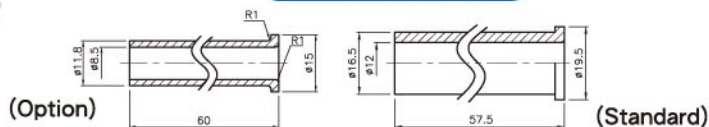
**PLS-28-RM**



**PLS-28-ADM**



**PLS-28-AD(FM)**



(Option)

(Standard)

RUBBER PLATE FOR PLS-28-RM

RUBBER TUBE FOR PLS-28-PF

◆ No. of contacts	12	16	17	20	26		
Contacts Configuration							
	TÜV	TÜV	TÜV	TÜV	TÜV		
Rated current / voltage	10A 250V	10A 250V	10A 250V	5A 250V	5A 250V		
Operation limit voltage (AC.V.rms)	250	250	250	250	250		
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A	5	5	5	3	3		
Solder inter diameter	1.6	1.6	1.6	1.2	1.2		





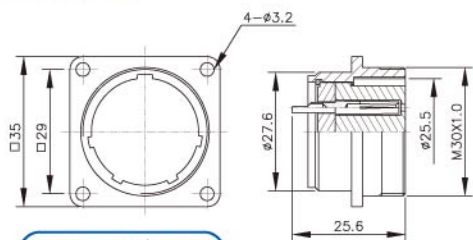
# PLS Series

Output Type

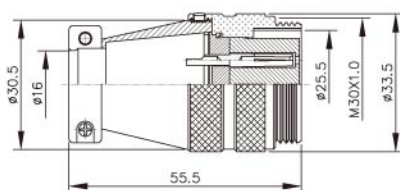


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APEX CONNECTOR

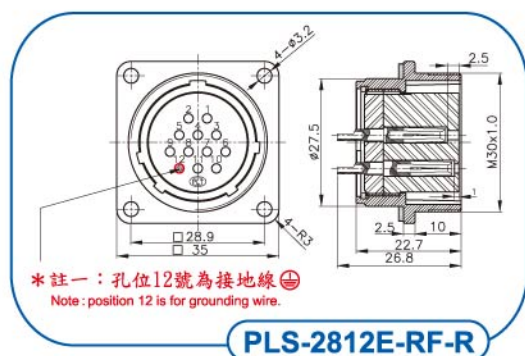
OUTPUT TYPE



PLS-28-RF

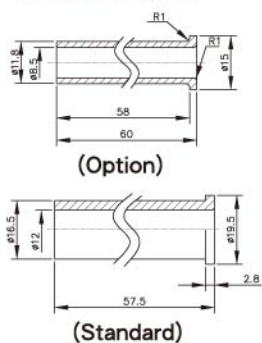


PLS-28-ADF



PLS-2812E-RF-R

ACCESSORY:



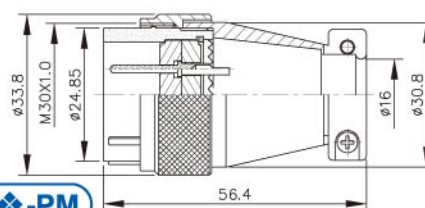
(Standard)

RUBBER PLATE FOR PLS-28-RF

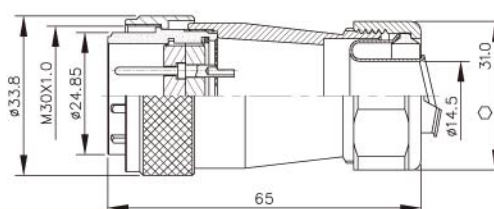
RUBBER TUBE FOR PLS-28-PM



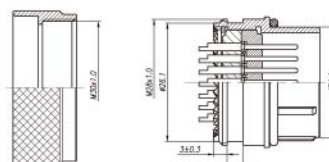
PLS- 28 Series



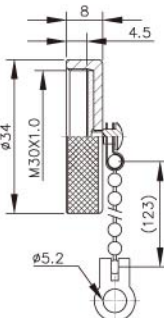
PLS-28-PM



PLS-28-GPM4 4=轉接1/2"軟管



PLS-28-PMA XB-R



PLS-28-RCa-R

◆ No. of contacts	12	16	17	20	26		
Contacts Configuration							
Rated current / voltage	10A 250V	10A 250V	10A 250V	5A 250V	5A 250V		
Operation limit voltage (AC.V.rms)	250	250	250	250	250		
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A	5	5	5	3	3		
Solder inter diameter	1.6	1.6	1.6	1.2	1.2		



INPUT TYPE

# PLS Series

Input Type



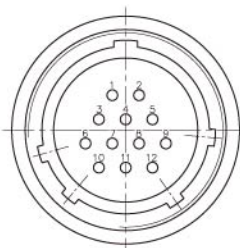
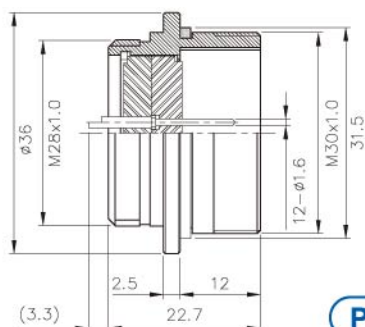
SINCE 1978



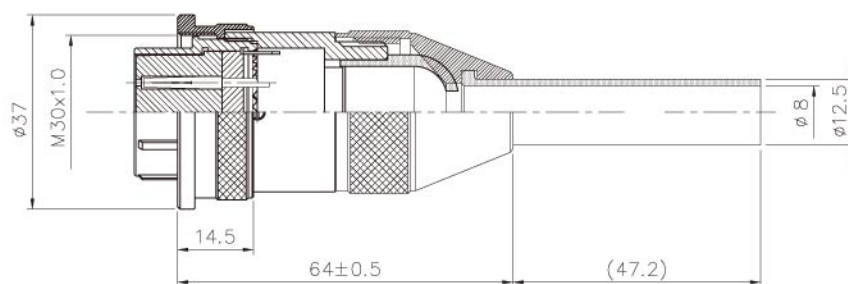
APEX CONNECTOR



PLS- 28 Series



PLS-28-RMA



PLS-28-PFA

(Stainless Steel 不鏽鋼)

◆ No. of contacts	12	16	17	20	26		
Contacts Configuration							
	TÜV	TÜV	TÜV	TÜV	TÜV		
Rated current / voltage	10A 250V	10A 250V	10A 250V	5A 250V	5A 250V		
Operation limit voltage (AC.V.rms)	250	250	250	250	250		
Withstanding voltage (AC.V.rms) 1 minute	1000	1000	1000	1000	1000		
Insulation resistance (MΩ MIN.) at DC 500V	1000	1000	1000	1000	1000		
Contact resistance (mΩ MAX.) at DC 1A	5	5	5	3	3		
Solder inter diameter	1.6	1.6	1.6	1.2	1.2		





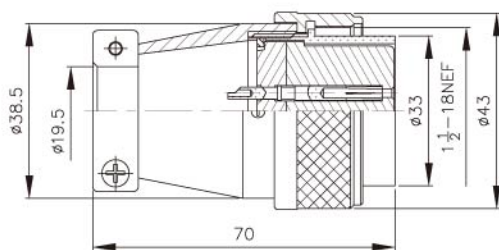
# PLS Series

Input Type

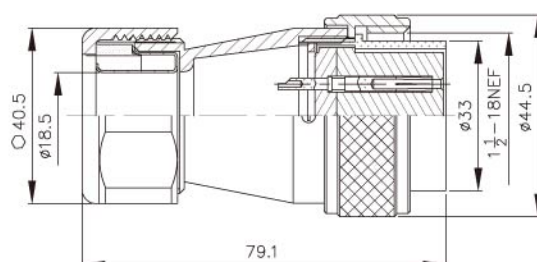


SINCE 1978  
APEX CONNECTOR

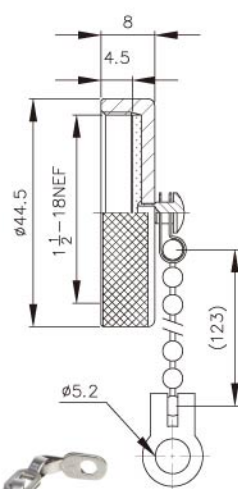
INPUT TYPE



PLS-35-PF



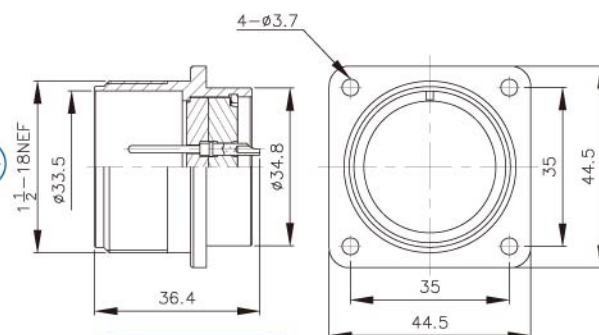
PLS-35-GPF6 6=轉接3/4"軟管



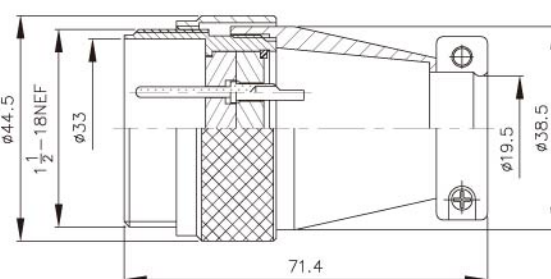
AMS25043-24A



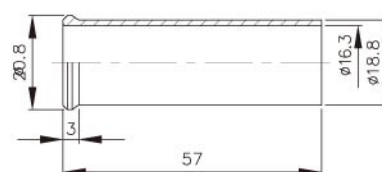
ADM



PLS-35-RM



PLS-35-ADM



RUBBER TUBE :  
ACCESSORY FOR PLS-35-P

◆ No. of contacts	24						
Contacts Configuration	 TÜV						
Rated current / voltage	8A 250V						
Operation limit voltage (AC.V.rms)	200						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	1000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	1.8						



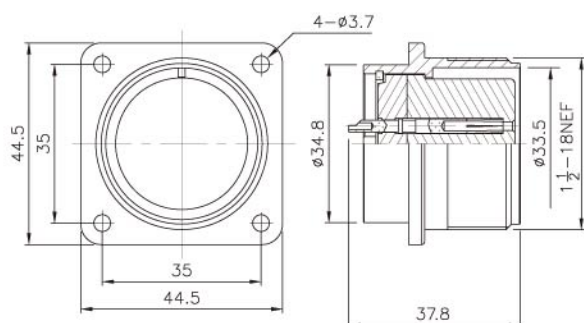
OUTPUT TYPE

# PLS Series

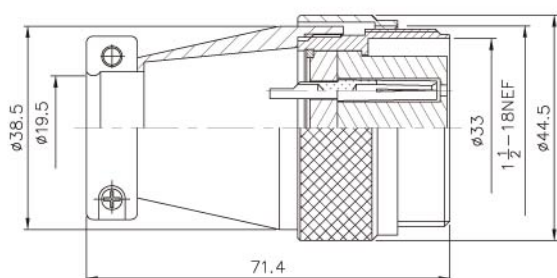
Output Type



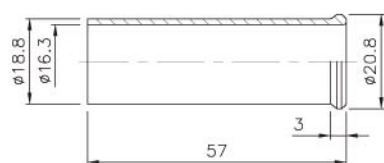
SINCE 1978  
APEX CONNECTOR



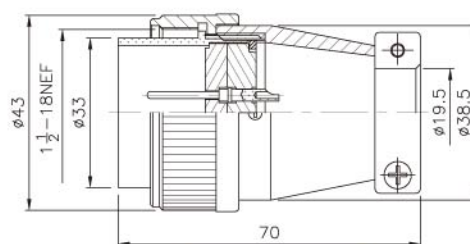
PLS-35-RF



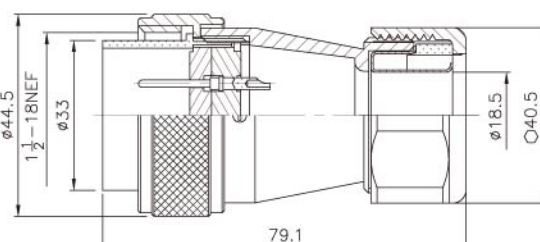
PLS-35-ADF



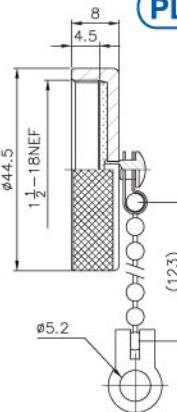
RUBBER TUBE :  
ACCESSORY FOR PLS-35-PM



PLS-35-PM



PLS-35-GPM6 6=轉接3/4"軟管



AMS25043-24A

◆ No. of contacts	24						
Contacts Configuration	 TUV						
Rated current / voltage	8A 250V						
Operation limit voltage (AC.V.rms)	200						
Withstanding voltage (AC.V.rms) 1 minute	1000						
Insulation resistance (MΩ MIN.) at DC 500V	1000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	1.8						





# PLS Series

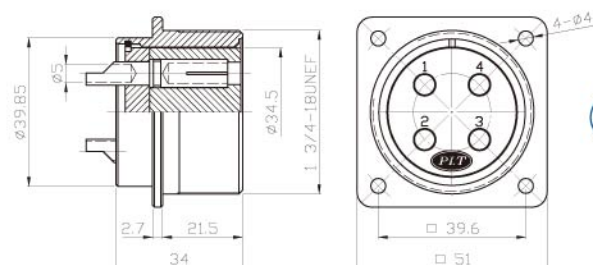
Input Type / Output Type



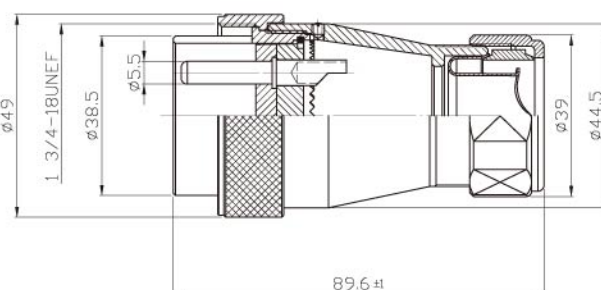
CE US TÜV

SINCE 1978  
APEX CONNECTOR

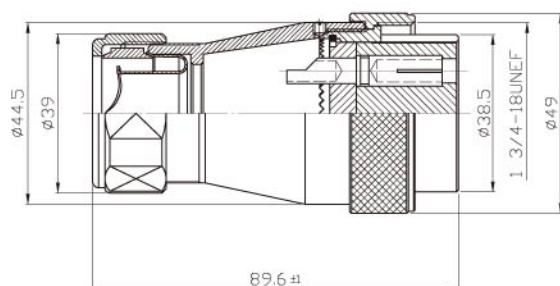
INPUT TYPE  
OUTPUT TYPE



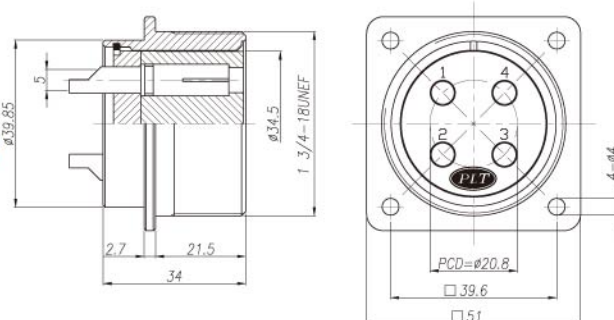
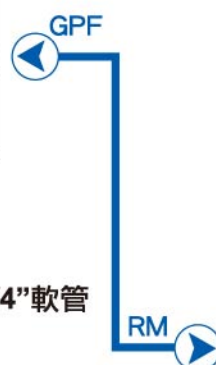
**PLS-41-RF**



**PLS-41-GPM6** 6=轉接3/4"軟管



**PLS-41-GPF6** 6=轉接3/4"軟管



**PLS-41-RM**

◆ No. of contacts	4	8					
Contacts Configuration							
Rated current / voltage	30A 250V	15A 250V					
Operation limit voltage (AC.V.rms)	500	400					
Withstanding voltage (AC.V.rms) 1 minute	2500	2000					
Insulation resistance (MΩ MIN.) at DC 500V	2500	2000					
Contact resistance (mΩ MAX.) at DC 1A	3	3					
Solder inter diameter	5	3.5					



# PLS Series

## 方型连接器



PLS-4207 Series



PLS-4237 Series



PLP-141P20 Series



PLP Series



M-6029 Series



PLT-A128-ADF-R Series



PLT-A128-ADF-R Series



PLTS-40 Series





# PLS Series

## 方型連接器



### ● ORDERING INFORMATION

#### PLS-4237-PF-R

- NAME OF SERIES 系列名稱
- SHELL SIZE 外殼尺寸
- NO. OF CONTACTS 導梢數量
- CONNECTOR TYPE 連接器類型
- RoHS COMPLIANT 歐盟環保指令

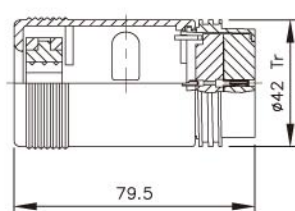
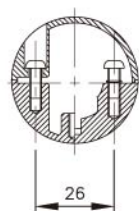
P	Plug	插 頭	AD	Adapter	中 繼
R	Receptacle	插 座	Ca	Cap	保護蓋
F	Female	導 梢	RT	Rubber tube	橡膠管
M	Male	導 針	G	Conduit type	軟 管

### ● MATERIAL & FINISH

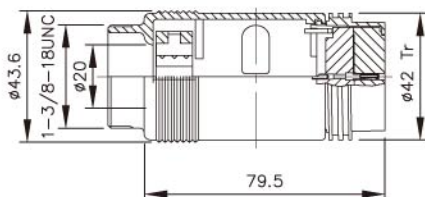
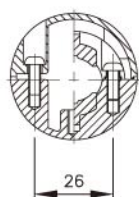
Kindly instruct material & finish by below types when ordering

Description	Material	Finish
Shell/外殼、本體	<ul style="list-style-type: none"> <li>Stainless Steel/不鏽鋼</li> <li>Zinc Die-Casting/鋅合金壓鑄</li> <li>Aluminum alloy/鋁合金壓鑄</li> </ul>	<ul style="list-style-type: none"> <li>Chrome-plated/鉻電鍍</li> <li>Gold-plated/金電鍍</li> <li>Nickel-plated/鎳電鍍</li> <li>Silver-plated/銀電鍍</li> </ul>
Insulator/絕緣體	<ul style="list-style-type: none"> <li>Bakelite/電木</li> <li>Delrin/塑鋼</li> <li>Teflon Polyethylene/鐵氟龍</li> </ul>	
Contact/接觸體	<ul style="list-style-type: none"> <li>Brass/銅</li> <li>P.Brass/磷銅</li> <li>B.Brass/鈹銅</li> </ul>	<ul style="list-style-type: none"> <li>Gold-plated/金電鍍</li> <li>Nickel-plated/鎳電鍍</li> <li>Silver-plated/銀電鍍</li> </ul>

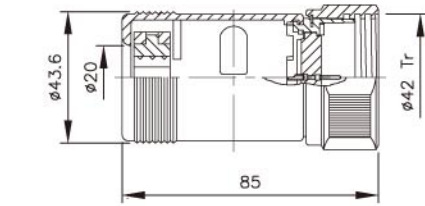
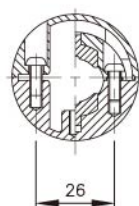
INPUT TYPE  
OUTPUT TYPE



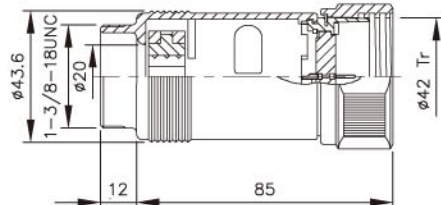
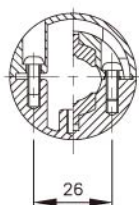
**PLS-42◆-PF**



**PLS-42◆-PF1**

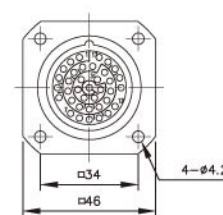
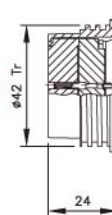
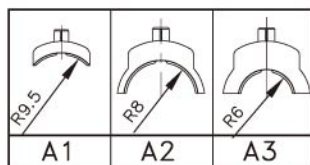


**PLS-42◆-PM**

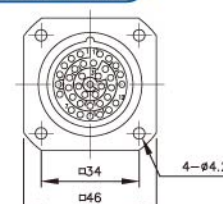
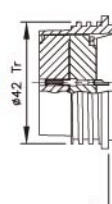


**PLS-42◆-PM1**

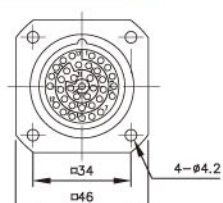
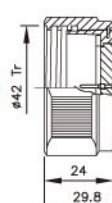
WIRE CLAMP:



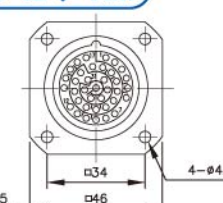
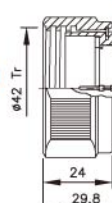
**PLS-42◆-RF**



**PLS-42◆-RF1**



**PLS-42◆-RM**



**PLS-42◆-RM1**

◆ No. of contacts	7	37					
Contacts Configuration							
Rated current / voltage	13A 250V	5A 250V					
Operation limit voltage (AC.V.rms)	500	500					
Withstanding voltage (AC.V.rms) 1 minute	2000	3000					
Insulation resistance (MΩ MIN.) at DC 500V	2000	2000					
Contact resistance (mΩ MAX.) at DC 1A	3	3					
Solder inter diameter	3.5	1.2					



# PLP Series

Output Type



APEX CONNECTOR



## ORDERING INFORMATION

PLP-116A - 16B

16B : 16 POLE HOOD  
16C : 16 POLE HOUSING  
24B : 24 POLE HOOD  
24C : 24 POLE HOUSING

16M : 16 POLE MALE INSERT  
16F : 16F POLE FEMALE INSERT  
24M : 24 POLE MALE INSERT  
24F : 24 POLE FEMALE INSERT

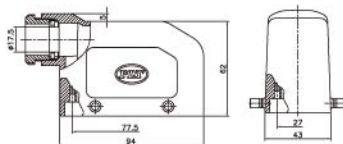
NUMBER OF CONTACTS

SERIES

Rated Current : 16A max  
Rated Voltage : 380 ~ 450V  
Withstandinf Voltage : 3000V  
(AC. V. r.m.s) 1 Minute  
Contact Resistance : 1 mΩ  
(mΩ Max) at DC 1A  
Insulation Resistance : 5000 mΩ  
Water Protection : IP65  
Temperature Range : -40°C ~ 125 °C

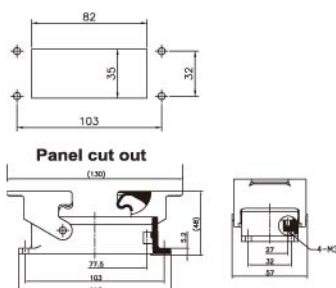
### HOODS

PLP-116A-16B



### HOUSING

PLP-116A-16C

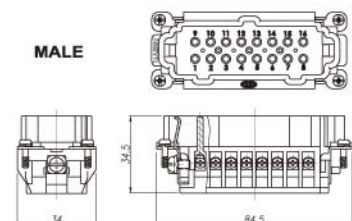


### MALE INSERT

PLP-116A-16M



MALE

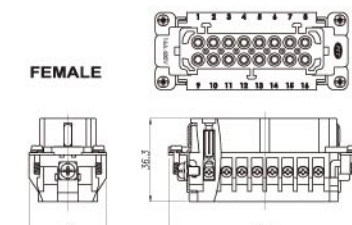


### FEMALE INSERT

PLP-116A-16F

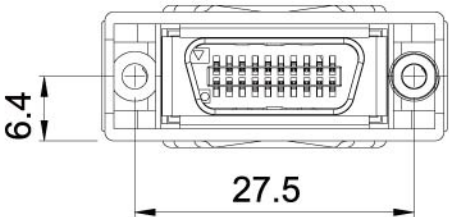
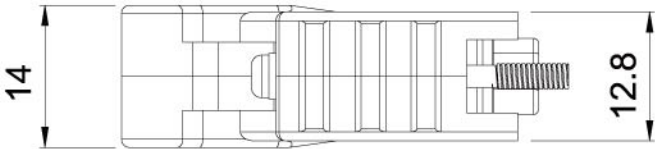
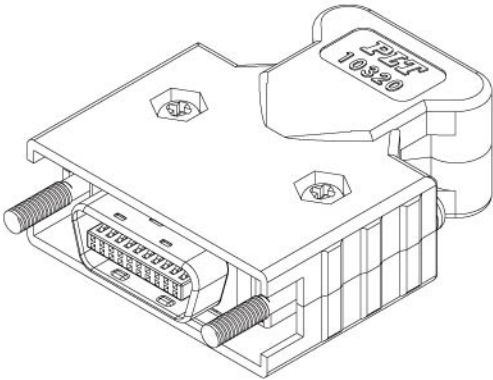
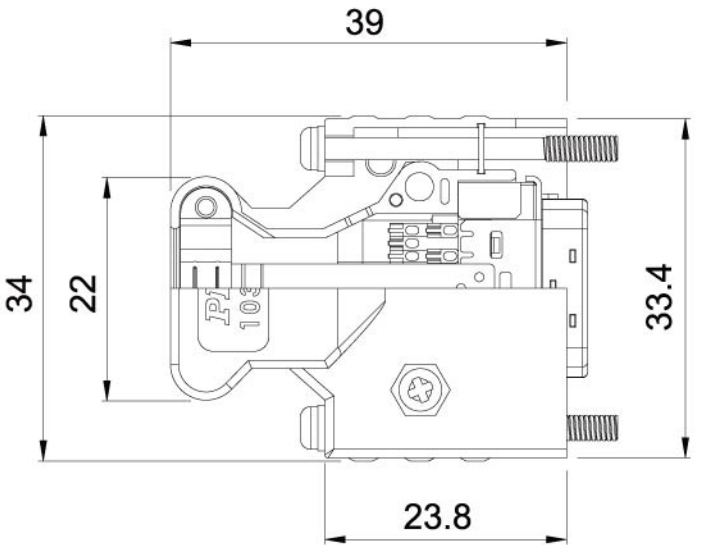



FEMALE





**PLP-141P20 Series**



◆ No. of contacts	20						
Contacts Configuration							
Rated current	1A						
Withstanding voltage (AC.V.rms) 1 minute	500						
Insulation resistance (MΩ MIN.) at DC 500V	>1 X 10 <sup>8</sup> Ω						

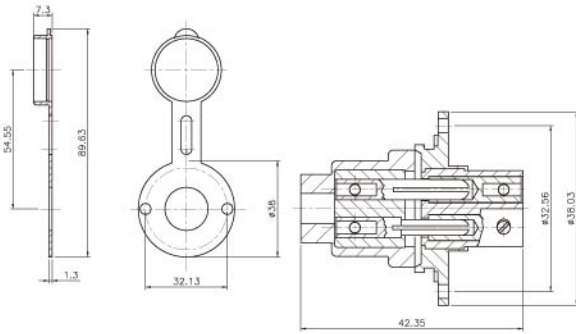


# New Products

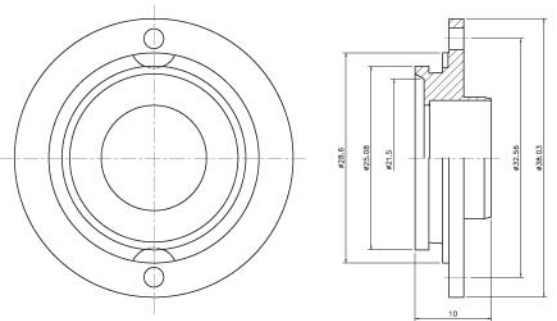


CALUS TÜV

APEX CONNECTOR



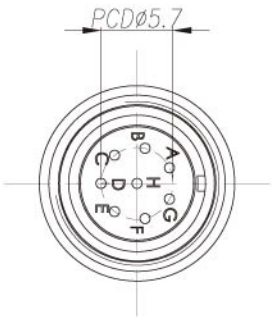
**M-6029**



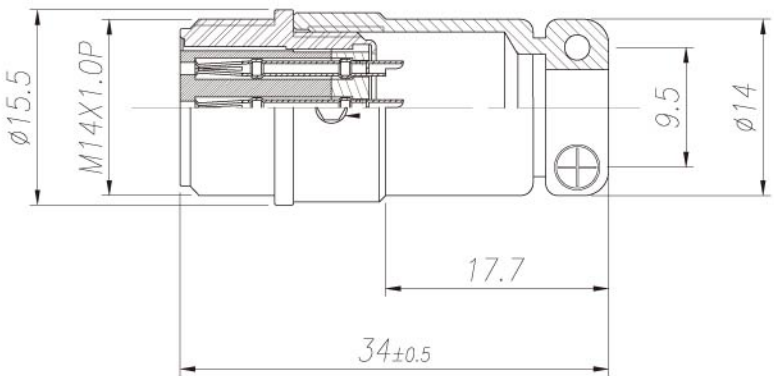
**M-6029A**




PLT-A128-ADF-R Series



PLT-A128-ADF-R

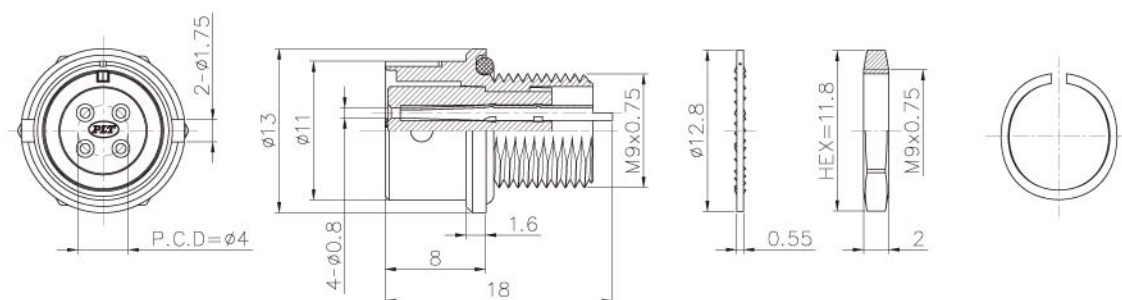


◆ No. of contacts	8						
Contacts Configuration							
Current Rating(A)	2						
Withstanding Voltage(VRMS)	700						
Voltage Rating(V RMS)	200						
Contact Resistance	8mΩ max.						
Insulation Resistance ( MΩ min.) at DC 500V	1000MΩ min.						

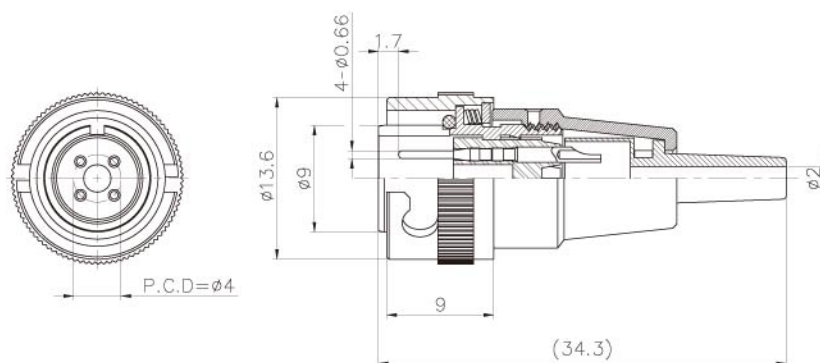





**WPM-94 Series**



**WPM-94-RF-R**



**WPM-94-PM-R**

◆ No. of contacts	4						
Contacts Configuration							
Rated Current / Voltage	1A 300V						
Operation Limit Voltage(AC. V. rms)	AC 100V DC 140V						
Withstanding Voltage(AC. V. rms) 1 minute	300						
Insulation Resistance ( MΩ min.) at DC 1A	200						
Contact Resistance ( MΩ MAX.) at DC 1A	10						

# Multi-Jointed Connectors for Machine Plate

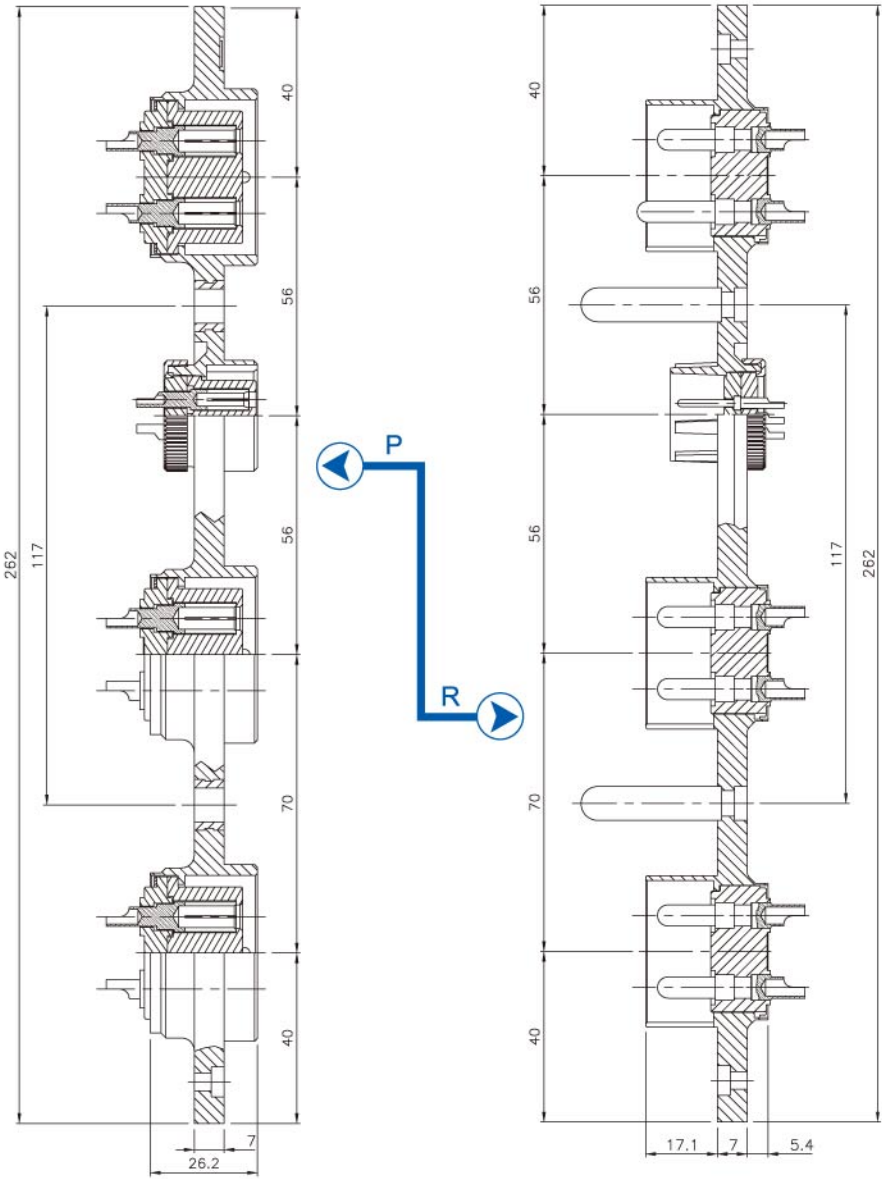


CALUS TÜV

SINCE 1978  
APEX CONNECTOR



PLTS-40 Series



PAT PLTS-40-P

PAT PLTS-40-R

(Patent of invention , all rights reserved 專利產品、仿冒必究)

No. of contacts	4						
Contacts Configuration							
Rated current / voltage	30A 250V						
Operation limit voltage (AC.V.rms)	500						
Withstanding voltage (AC.V.rms) 1 minute	2500						
Insulation resistance (MΩ MIN.) at DC 500V	2000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	4						

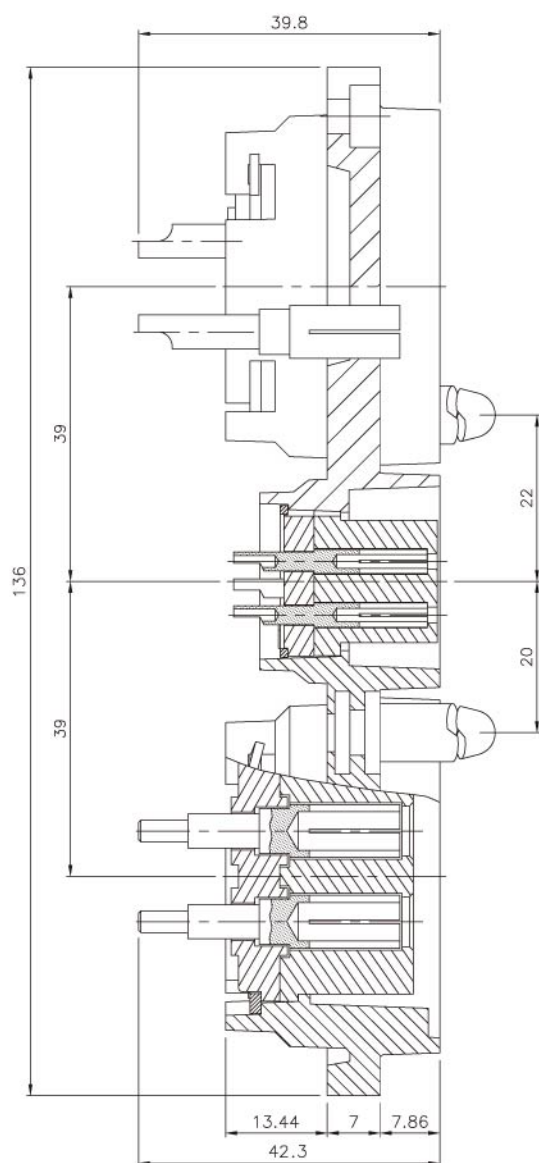


# Multi-Jointed Connectors for Machine Plate

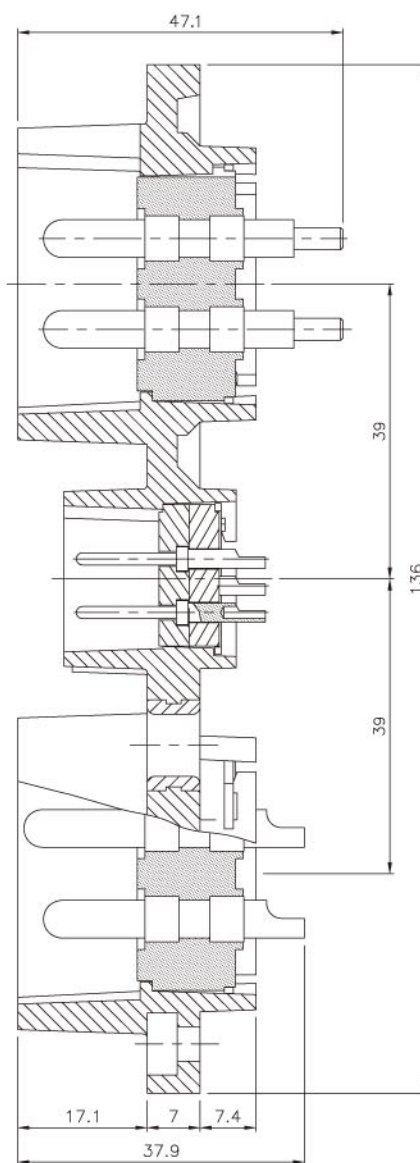
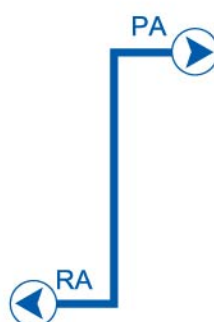


CEC® TÜV

SINCE 1978  
APEX CONNECTOR



PLTS-40 S-RA



PLTS-40 S-PA

(Patent of invention , all rights reserved 専利產品、仿冒必究)

◆ No. of contacts	4						
Contacts Configuration							
Rated current / voltage	30A 250V						
Operation limit voltage (AC.V.rms)	500						
Withstanding voltage (AC.V.rms) 1 minute	2500						
Insulation resistance (MΩ MIN.) at DC 500V	2000						
Contact resistance (mΩ MAX.) at DC 1A	3						
Solder inter diameter	4						

A series of horizontal dashed lines for writing.



# Business Scope

## The 1st Production Dept.

### Connector

Military / Waterproof / RF Coaxial / Industrial Series

## The 2nd Production Dept.

### Various Types of Molds

Customized Mold and Machinery Components  
Design & Manufacturing

## The 3rd Production Dept.

### Wire Assembly

## The 4th Production Dept.

### Wireless Communication

Antenna / Transceiver / Peripheral Earphone Mic

## The 5th Production Dept.

### Precision Machine Manufacturing

CNC Turning and Milling Compound Lathe /  
Precision Hand Arbor Press and  
Table Press Manufacturing

## The 6th Production Dept.

### Medical Facilities for Senior Health Care

Wireless Remote Control Patient Care System /  
Medical Care On-Call System

## The 7th Production Dept.

### Channels of Distribution for Products Solution



Patent of invention, all rights reserved 專利產品、仿冒必究

Agent / 代理商



專業製造廠 / Manufacturer

**錫鋼精密科技股份有限公司**

**APEX PRECISION TECHNOLOGY CORP.**

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24264, Taiwan, R. O. C.

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http://www.plt.com.tw / E-mail: apexmail@plt.com.tw

ISO / TS 16949 全球汽車產業品質管理系統認證

CERTIFIED IN GLOBAL AUTOMOBILE INDUSTRY

ISO 9001~14001 國際品質認證合格廠 · 國防部工業廠商

INTERNATIONAL QC CERTIFIED INDUSTRY CATEGORY SUPPLIER OF MND.



ISO 14001 ISO 9001



International Q/C Certification



RoHS Compliant

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**APEX**



**OEM / ODM**

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Version: S-187EO-132-1 Printed in 2013/02