

# Board to Board Right Angle High Current Connectors 基板間高電流コネクタ HARS, HARP series

5.6mm pitch  
35A max

**特長**

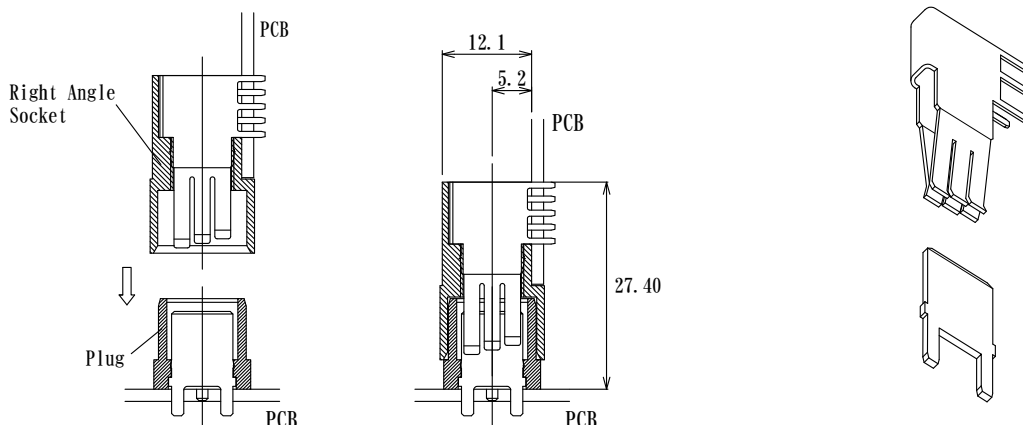
1. 定格電流 : 35A max (1極通電のとき、多極のさいは下表参照)
2. 耐電圧 : AC1000V

**Features:**

1. Current rating : 35A max in case of 1 position (please refer table below for other number of positions)
2. Dielectric voltage : AC1000V



Mating configuration



定格電流値表 Current rating table

通電極数 Positions	定格電流 Current rating (A)
1	35
2 (隣接のとき)	30

注1. 実装基板の導体部の定格電流の影響を受けます。

**Specifications**

定格電流 Current rating	35A max	
耐電圧 Dielectric withstanding voltage	AC 1000V 1分間印加して、絶縁破壊、せん絡、異常なき事	
絶縁抵抗 Insulation Resistance	DC 500Vの電圧を加えて1000MΩ以上	
接触抵抗 Contact Resistance	10mΩ max	
使用温度範囲 Operating Temperature Range	-25℃～+105℃ (通電による温度上昇を含む)	
保存温度範囲 Temperature Range	-55℃～+150℃	
単ピン保持力 Mating Holding Force per pin	0.4N(40.8gf)～4.5N(459gf)	
コネクタ寿命 Contact durability	less than 10mΩ after 500 mating cycles	
材質 Material	インシュレータ Insulator	High temperature thermoplastic, Black
	プラグピン Plug Pin	Copper Alloy 金メッキ Gold plated or スズメッキ Tin plated (標準メッキ)
	中心ソケットコネクタ Center Socket Contact	Copper Alloy 金メッキ Gold plated or スズメッキ Tin plated (標準メッキ)

上記仕様は代表的製品について適用されます。個々の製品についてはお問合せください。

# Board to Board Right Angle High Current Sockets 基板間高電流ソケット HARS series

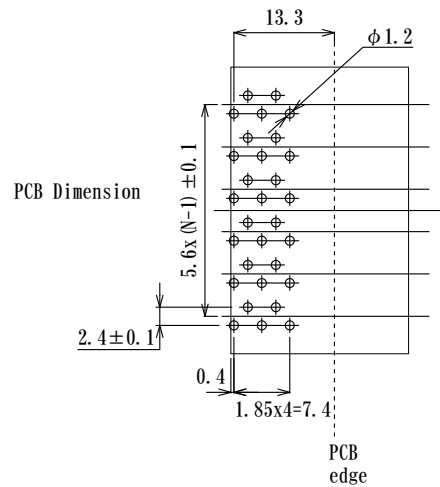
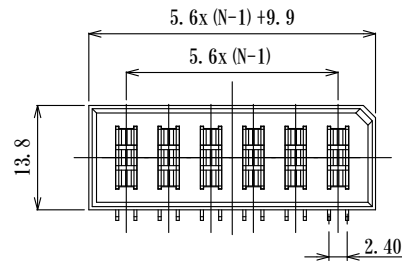
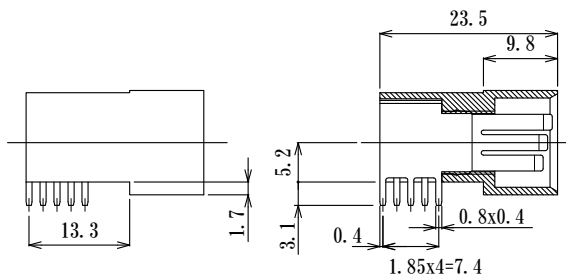
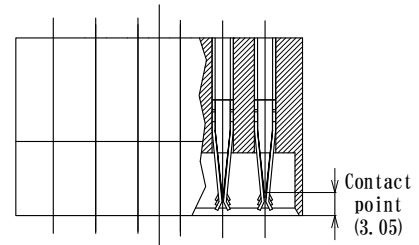
**HARS-06PR-T** UL, CSA approved  
UL File Number E474715  
30A in conformity to UL test guidelines  
10A in conformity to CSA test guidelines

How to order

**HARS - 06 P R - T**

N : Number of positions  
04 : 4 positions  
06 : 6 positions

Plating  
T : Ni over tin plating  
(standard plating)  
G : Ni over Au plating



# Board to Board Right Angle High Current Plugs 基板間高電流プラグ HARP series

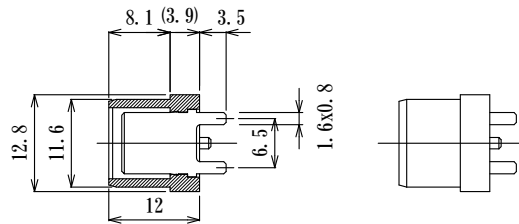
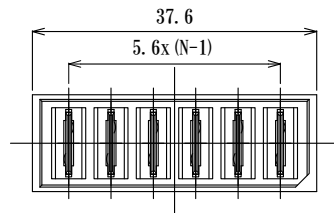
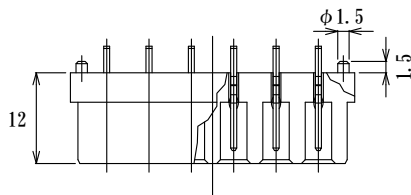
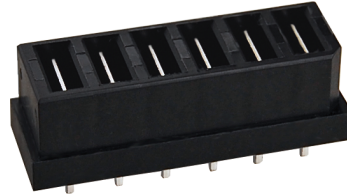
**HARP-06PR-T** UL, CSA approved  
UL File Number E474715  
30A in conformity to UL test guidelines  
10A in conformity to CSA test guidelines

How to order

**HARP - 06 P R - T**

N : Number of positions  
04 : 4 positions  
06 : 6 positions

Plating  
T : Ni over tin plating  
(standard plating)  
G : Ni over Au plating



PCB Dimension

