

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

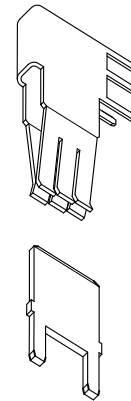
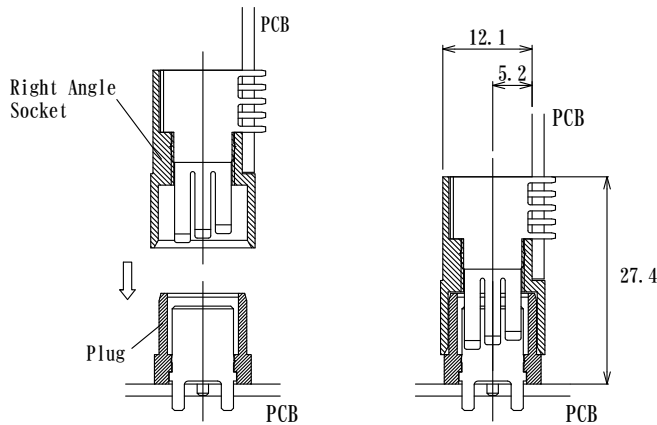
1. 定格電流 : 35A max (1極通電のとき、多極のさいは下表参照)
2. 耐電圧 : AC1000V

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

P/N		Socket	Plug	Socket	Plug
		HARS-04PR-G HARS-06PR-G	HARP-04PR-G HARP-06PR-G	HARS-04PR-T HARS-06PR-T	HARP-04PR-T HARP-06PR-T
材質 Material	インシュレータ Insulator プラグピン ソケットピン Plug Pin Socket Pin	High temperature thermoplastic			
		Copper Alloy 金メッキ Gold plated		Copper Alloy スズメッキ Tin plated	
定格電流 Current rating		35A 1極通電のとき			
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)			
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		500回抜き差し後、接触抵抗は10mΩ以下 less than 10mΩ after 500 matings		50回抜き差し後、接触抵抗は10mΩ以下 less than 10mΩ after 50 matings	

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

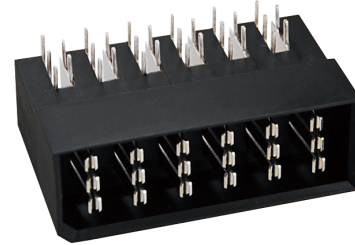
HARS-06PR-T UL, CSA approved 
UL File Number E474715
30A in conformity to UL test guidelines
10A in conformity to CSA test guidelines

How to order

HARS - 06 P R - G

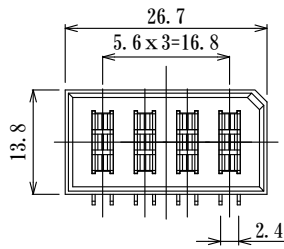
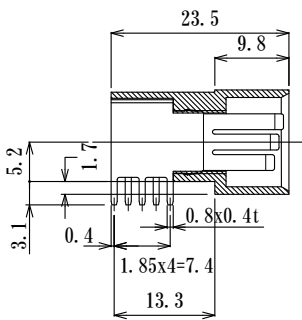
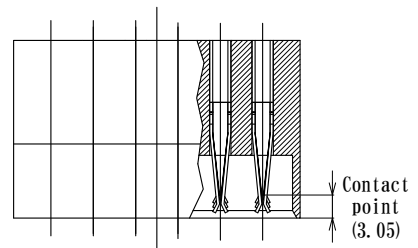
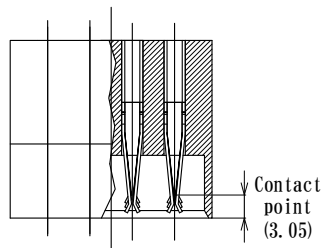
N : Number of positions
04 : 4 positions
06 : 6 positions

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

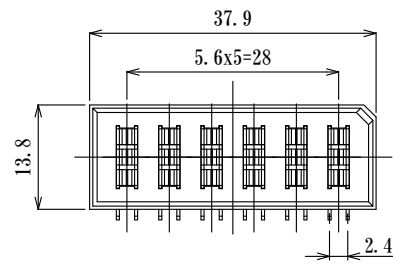


Socket
HARS-04PR-□

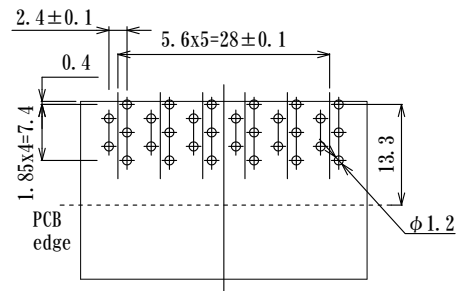
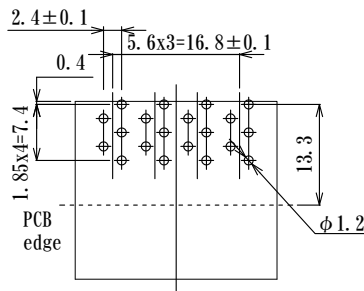
Socket
HARS-06PR-□




PCB Dimension (Top view)



PCB Dimension (Top view)



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

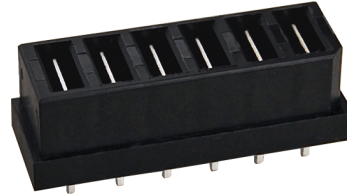
HARP-06PR-T UL, CSA approved 
UL File Number E474715
30A in conformity to UL test guidelines
10A in conformity to CSA test guidelines

How to order

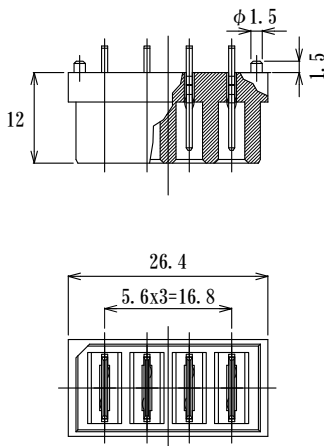
HARP - 06 P R - G

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

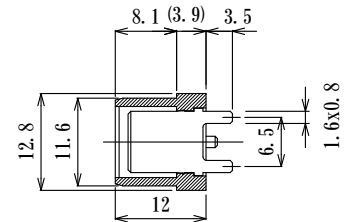
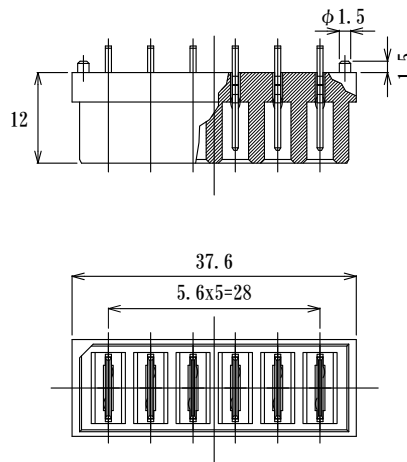
Plating
T : Ni over tin plating
(standard plating)
G : Ni over Au plating



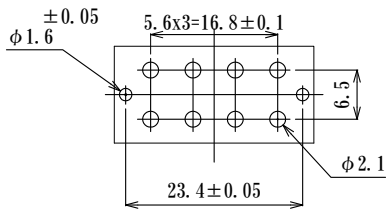
Plug
HARP-04PR-□



Plug
HARP-06PR-□



PCB Dimension (Top view)



PCB Dimension (Top view)

