

# HIPO D-Series Electrical Connector

## 0D52P/S - 150A



### Features

- Current rating: up to 150A per contact #0
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 52
- Contact sizes: 32x #20; 6x #12; 12x #16; 2x #0
- Contact length: standard, pre and post mate
- Termination: Crimp, Solder, PCB, Screw #0
- Plating: silver or gold

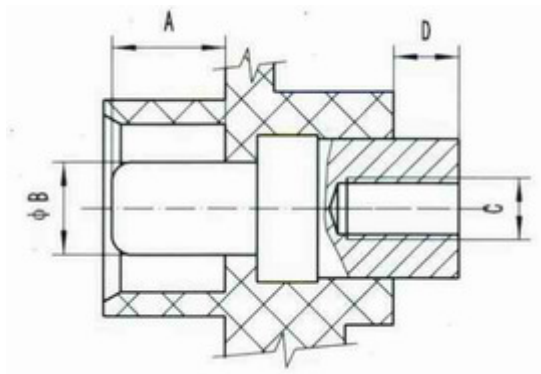
## Contact information

insert arrangement	number	size	current rating	plating	termination	Fixed/Removeable
1-2	2	0#	150A	silver or gold	Crimp Screw	removeable (D52S) fixed
3-34	32	20#	5A	silver or gold	Crimp Solder PCB	removeable removeable fixed
35-46	12	16#	15A	silver or gold	Crimp Solder PCB	removeable removeable fixed
47-52	6	12#	35A	silver or gold	Crimp Solder PCB	removeable removeable fixed

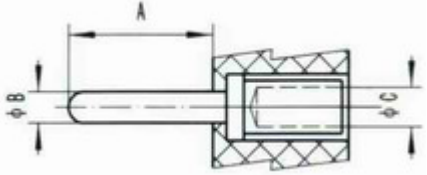
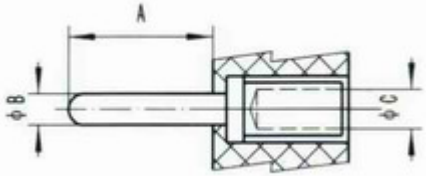
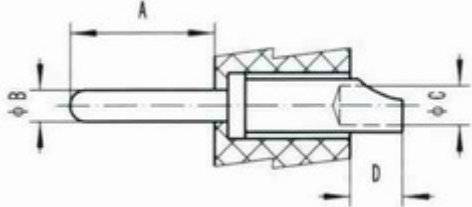
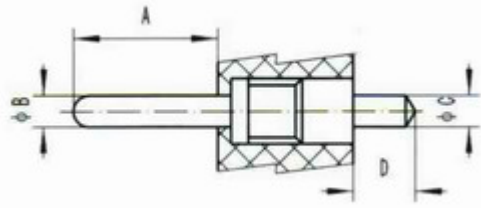
## Pin contacts (0D52P)

Other platings upon request.

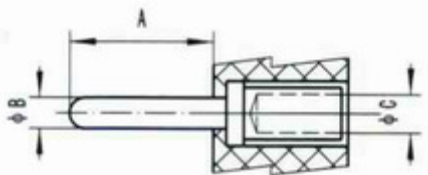
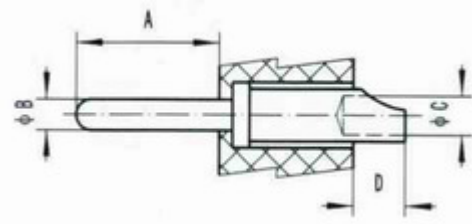
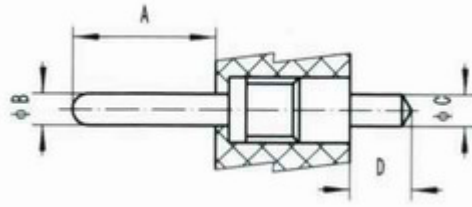
### 0# Pin

Type	Figure	termination	Dimension A	Dimension B	Dimension C	Dimension D	Plating
0P0AG		Thread	12.2	9.1	M6	7	Ag

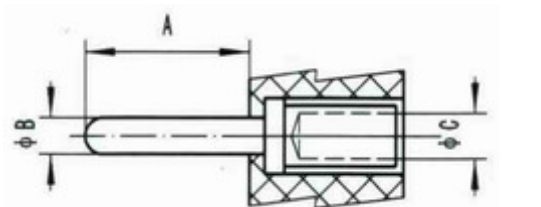
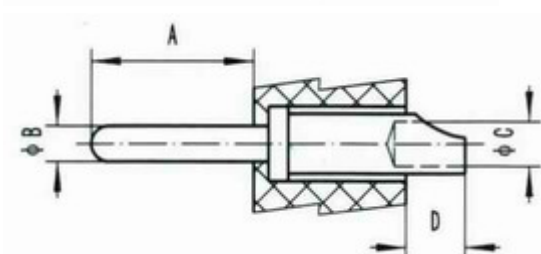
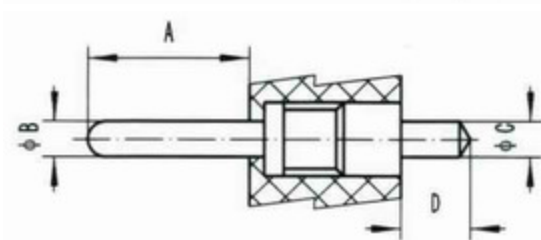
## 12# Pin

Type	Figure	termination	Dimension A	Dimension B	Dimension C	Dimension D	plating
0P12CAGPR-2,5 0P12CAGS-2,5		Crimp	11.7 11.0	2.38	2.5	--	Ag
0P12CAGPM-2,5			10.0				
0P12CAGPR-3,2 0P12CAGS-3,2		Crimp	11.7 11.0	2.38	3.2	--	Ag
0P12CAGPM-3,2			10.0				
0P12SAGPR 0P12SAGS		Solder	11.7 11.0	2.38	2.8	4.3	Ag
0P12SAGPM			10.0				
0P12BAGPR 0P12BAGS		PCB	11.7 11.0	2.38	2.38	5.3	Ag
0P12BAGPM			10.0				

### 16# Pin (0D52)

Type	Figure	termination	Dimension A	Dimension B	Dimension C	Dimension D	plating
0P16CAGPR-02		Crimp	12.2	1.57	1.8	--	Ag
0P16CAGS-02			8.4				
0P16CAGM-02			7.4				
0P16SAGPR-02		Solder	12.2	1.57	2.1	4.3	Ag
0P16SAGS-02			8.4				
0P16SAGPM-02			7.4				
0P16BAGPR-02		PCB	12.2	1.57	1.55	4.3	Ag
0P16BAGS-02			8.4				
0P16BAGPM-02			7.4				

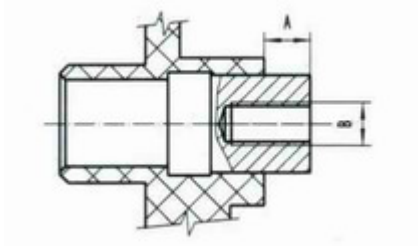
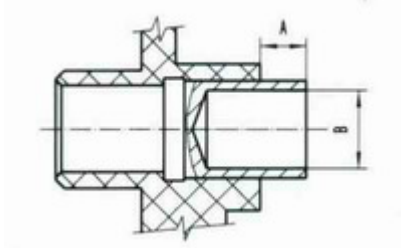
## 20# Pin

Type	Figure	termination	Dimension A	Dimension B	Dimension C	Dimension D	plating
0P20CAUPR 0P20CAUS		Crimp	12.0	1.0	1.3	--	Au
0P20CAUPM			8.1				
			6.9				
0P20SAUPR 0P20SAUS		Solder	12.0	1.0	1.3	4.9	Au
0P20SAUPM			8.1				
			6.9				
0P20BAUPR 0P20BAUS		PCB	12.0	1.0	1	4.7	Au
0P20BAUPM			8.1				
			6.9				

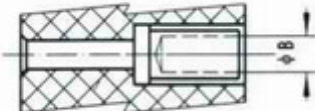
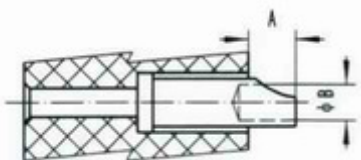
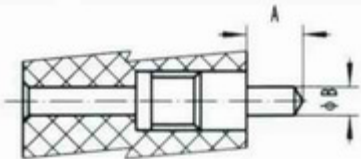
## Socket contacts (0D52S)

Other platings upon request.

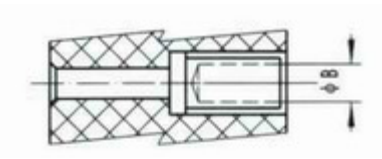
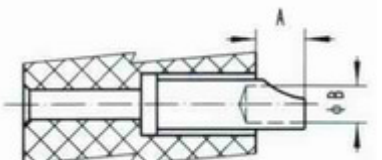
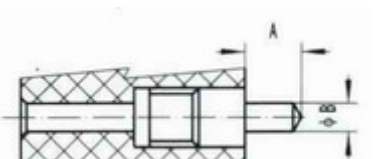
### 0# Socket

Type	Figure	termination	Dimension A	Dimension B	plating
0S0AG		Thread	6.4	M6	Ag
0S0CAG		Crimp	6.4	11.5	Ag

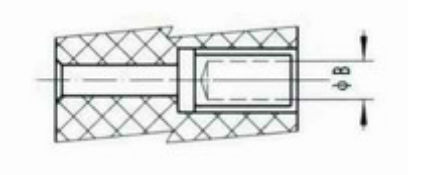
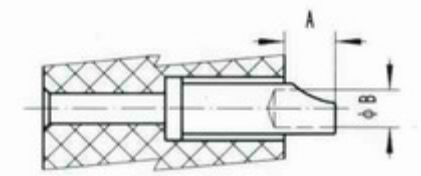
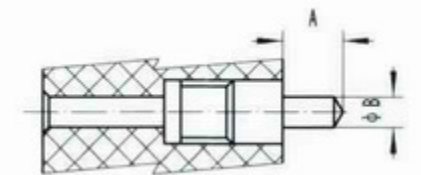
## 12# Socket

Type	Figure	termination	Dimension A	Dimension B	plating
0S12CAG-2,5		Crimp	--	2.5	Ag
0S12CAG-3,2				3.2	Ag
0S12SAG		Solder	4.6	2.8	Ag
0S12BAG		PCB	5.3	2.38	Ag

## 16# Socket (D52)

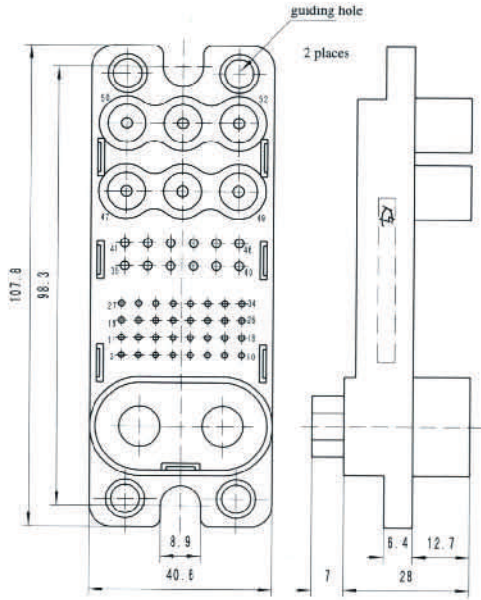
Type	Figure	termination	Dimension A	Dimension B	plating
0S16CAG-02		Crimp	--	1.8	Ag
0S16SAG-02		Solder	4.6	2.2	Ag
0S16BAG-02		PCB	4.1	1.55	Ag

## 20# Socket

Type	Figure	termination	Dimension A	Dimension B	plating
0S20CAU		Crimp	--	1.3	Au
0S20SAU		Solder	4.6	1.3	Au
0S20BAU		PCB	4.1	1.01	Au

**0D52P**

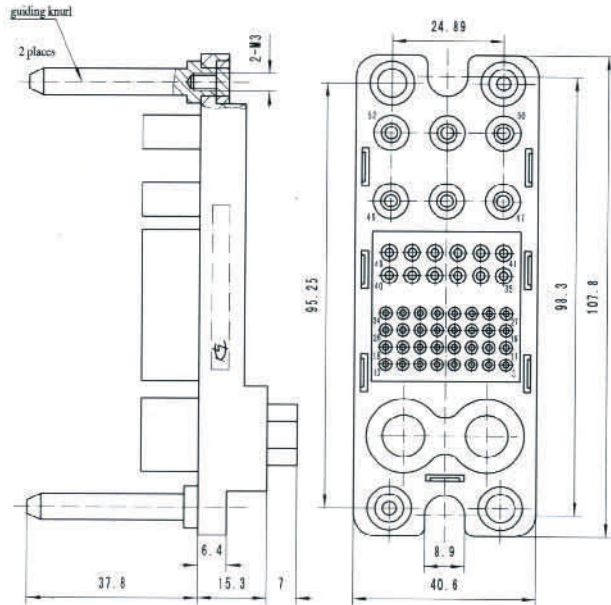
Plug Housing



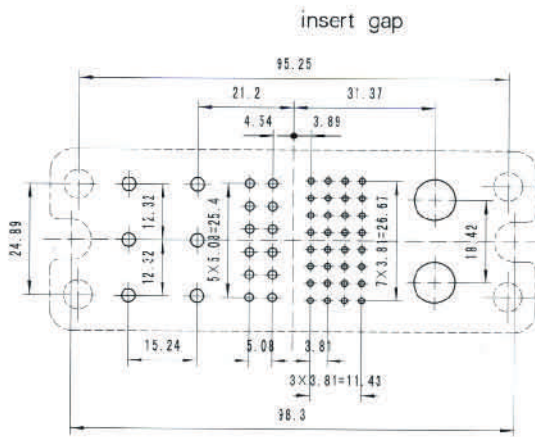
**256286-01**

**0D52S**

Receptacle Housing



**256287-01**



Recommend Mounting Dimension

