

HIPO D-Series Electrical Connector

1D29P/S - 035A



Features

- Current rating: up to 35A per contact #12
- Guiding structure to avoid mismating and floating mounting for blind mating
- Number of contacts: 29
- Contact sizes: 21x #20; 4x #16; 4x #12 (D29P/S-20)
- Contact sizes: 21x #20; 8x #12 (D29P/S-21)
- Contact length: standard, pre and post mate
- Termination: Crimp, Solder, PCB
- Plating: silver or gold

Contact information 1D29P/S-20

insert arrangement	number	size	current rating	plating	termination	Fixed/Removeable
1-4	4	16#	15A	silver or gold	Crimp Solder PCB	removeable removeable fixed
5-25	21	20#	5A	silver or gold	Crimp Solder PCB	removeable removeable fixed
26-29	4	12#	35A	silver or gold	Crimp Solder PCB	removeable removeable fixed

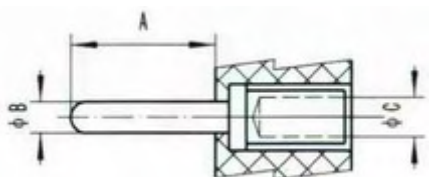
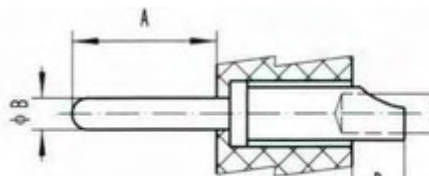
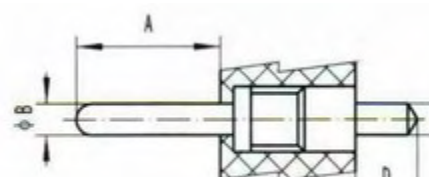
Contact information 1D29P/S-21

insert arrangement	number	size	current rating	plating	termination	Fixed/Removeable
5-25	21	20#	5A	silver or gold	Crimp Solder PCB	removeable removeable fixed
1-4 26-29	8	12#	35A	silver or gold	Crimp Solder PCB	removeable removeable fixed

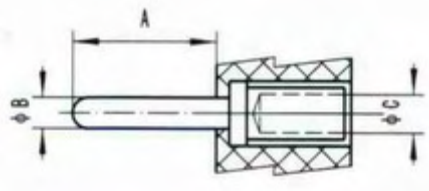
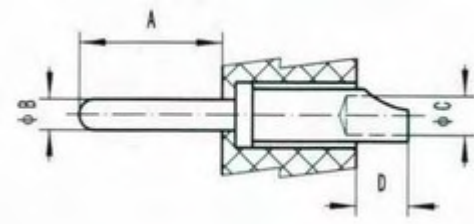
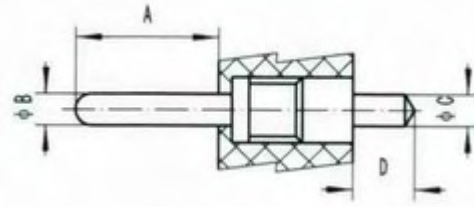
Pin contacts (1D29P)

Other platings upon request.

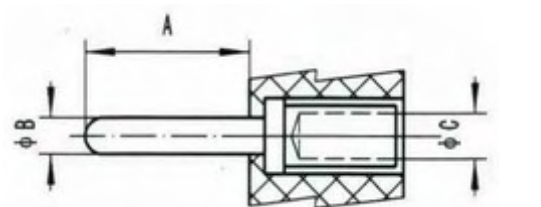
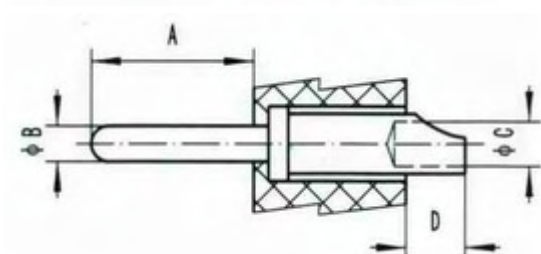
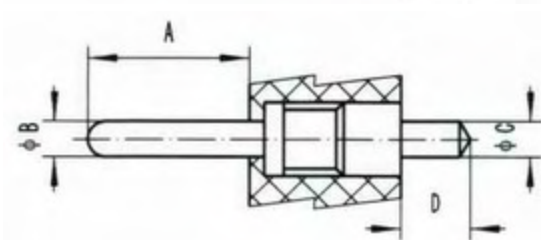
12# Pin (1D29P/1D37P)

Type	Figure	termination	Dimension A	Dimension B	Dimension C	Dimension D	plating
1P12CAGPR 1P12CAGS		Crimp	11.7	2.4	2.6	--	Ag
1P12CAGPM			11.0				
			10.0				
1P12SAGPR 1P12SAGS		Solder	11.7	2.4	2.6	4.3	Ag
1P12SAGPM			11.0				
			10.0				
1P12BAGPR 1P12BAGS		PCB	11.7	2.4	2.4	6.0	Ag
1P12BAGPM			11.0				
			10.0				

16# Pin (D29-20)

Type	Figure	termination	Dimension A	Dimension B	Dimension C	Dimension D	plating
1P16CAGPR		Crimp	12.2	1.6	1.7	--	Ag
1P16CAGS			8.4				
1P16CAGPM			7.4				
1P16SAGPR		Solder	12.2	1.6	2.1	4.3	Ag
1P16SAGS			8.4				
1P16SAGPM			7.4				
1P16BAGPR		PCB	12.2	1.6	1.6	4.7	Ag
1P16BAGS			8.4				
1P16BAGPM			7.4				

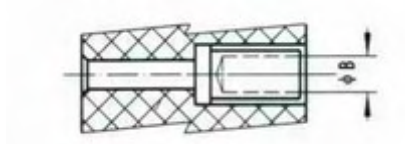
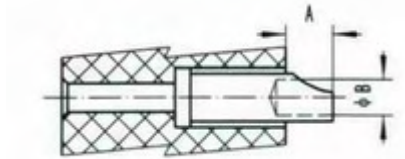
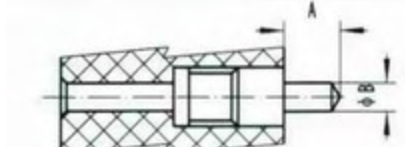
20# Pin (D29P)

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

Socket contacts (1D29S)

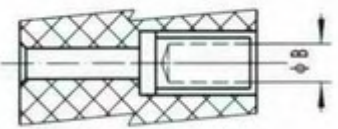
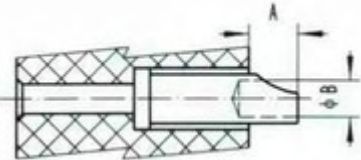
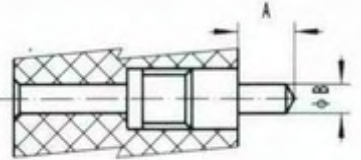
Other platings upon request.

12# Socket (1D29S/1D37S)

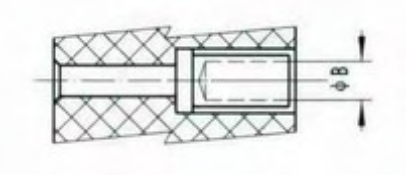
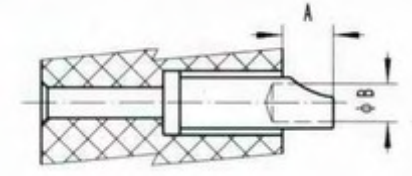
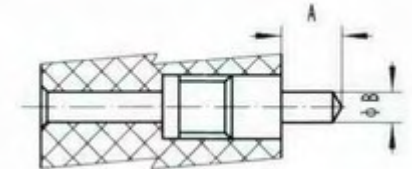
Type		Figure	termination	Dimension A	Dimension B	plating
1S12CAG-S	spring wire		Crimp	--	2.6	Ag
1S12CAG-G	crown band					
1S12CRAG *						
1S12SAG	spring wire		Solder	4.6	2.6	Ag
1S12SAG-G	crown band					
1S12SRAG *						
1S12BAG	spring wire		PCB	5.3	2.4	Ag
1S12BAG-G	crown band					
1S12BRAG *						

* suitable for hotplug

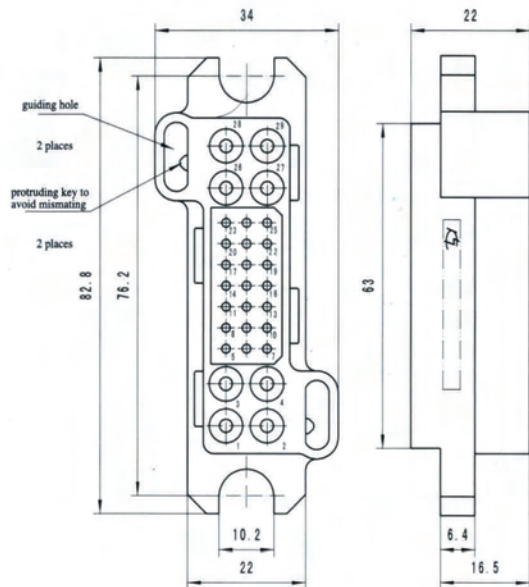
16# Socket (D29S)

Type	Figure	termination	Dimension A	Dimension B	plating
1S16CAG-S		Crimp	--	1.7	Ag
1S16SAG-S		Solder	4.1	2.1	Ag
1S16BAG-S		PCB	4.5	1.6	Ag

20# Socket (D29S/D37S)

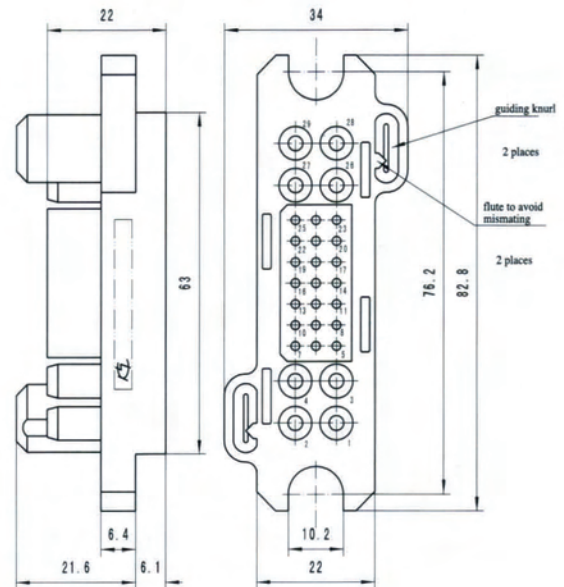
Type	Figure	termination	Dimension A	Dimension B	plating
1S20CAU-S		Crimp	--	1.3	Au
1S20SAU-S		Solder	4.6	1.3	Au
1S20BAU-S		PCB	4.4	1.0	Au

1D29P-20
Plug Housing



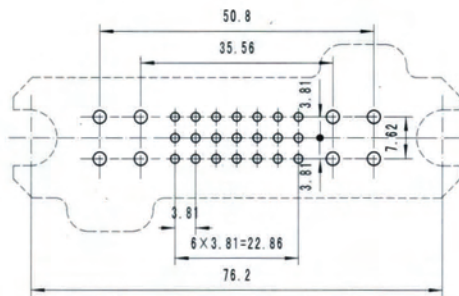
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1D29S-20
Receptacle Housing

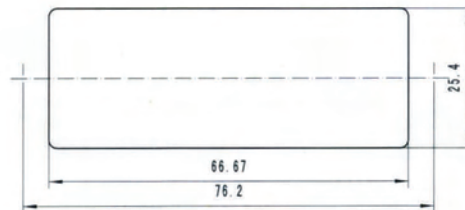


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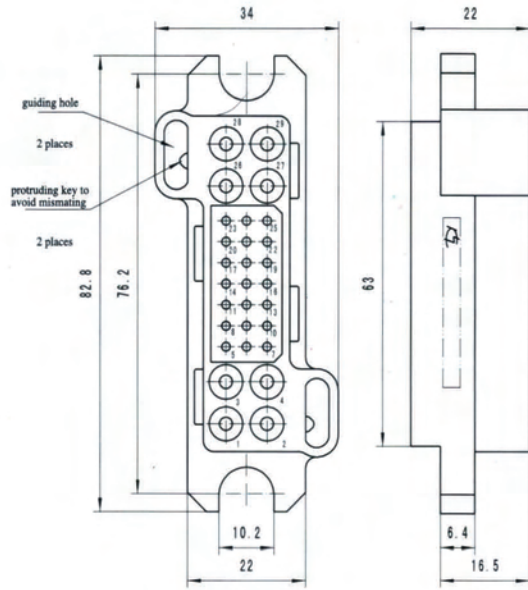
insert gap



Recommend Mounting Dimension

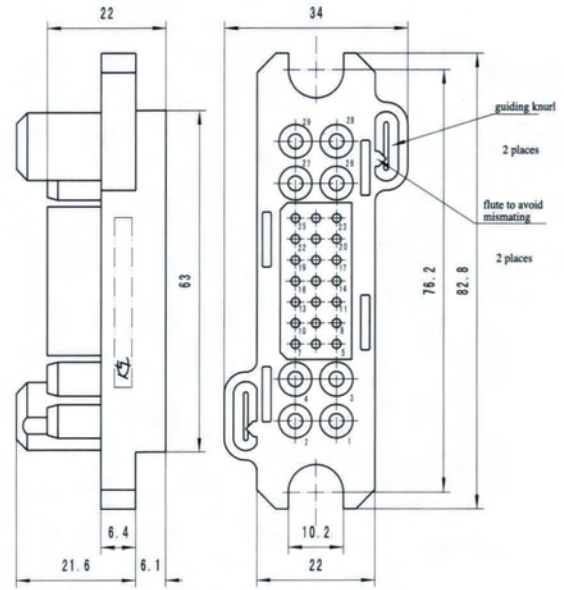


1D29P-21
Plug Housing



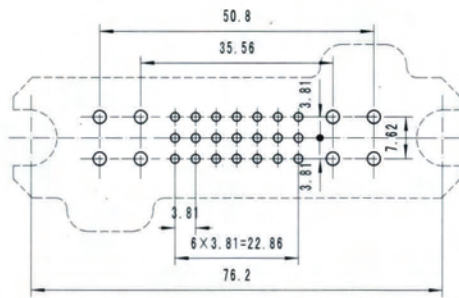
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1D29S-21
Receptacle Housing



256271-01

insert gap



Recommend Mounting Dimension

