1/0 Connectors

Specifications

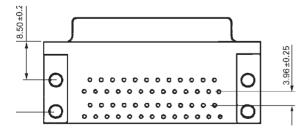
Insulation Resistance: 5,000MΩ min. Withstanding Voltage: 1,000V AC **Contact Resistance:** 10m Ω max. Current Rating: 5A Operating Temp. Range: -55°C to +105°C Soldering Temp.: 240°C/3 sec.

Materials and Finish

Shell:	Steel, Tin plated				
Insulator:	Polyester Resin (glass filled)				
	Fiber reinforced, UL94V-0				
Contacts:	Stamped Copper Alloy				
Plating:	Gold over Nickel				

Outline Connector Dimensions

2.77 2.84 7.90±0.13 . . ⊕ Æ 4-40 UNC Threaded insert 7.90±0.13 Ð Æ UUU UUU С В Δ

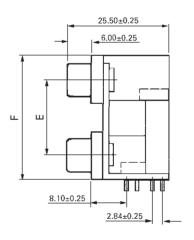


Part Number (Details) DP - 01 П

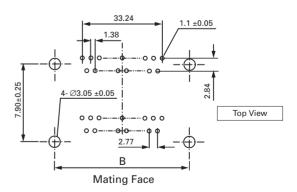
D	DP - 01	*	*	1	
Series					
Connector Vers DP = Dual Port	sion:				
No. of Contacts 01 = 9 / 9 02 = 15 / 15 03 = 25 / 25 10 = 37 / 37	(Top/Bottom):				
Conector Types 1 = Male / Male 2 = Male / Fema 3 = Female / Ma 4 = Female / Female	le le				
Vertical Distance between Connectors: S = 15.88mm, M = 19.05mm, L = 22.86mm					

Assembly:

1 = Snap-in + 4-40 Clinch Nut (Standard) 2 = 4-40 Threaded



山 **Recommended PCB Layouts**



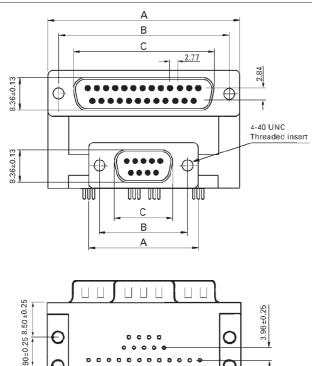
Part Number	No. of Contacts	А	В	с	Vertical Distances	E	F
DDP-01**1	9 / 9	30.81	24.99	16.33	Type S	15.88	28.42
DDP-02**1	15 / 15	39.14	33.32	24.66	Туре М	19.05	31.60
DDP-03**1	25 / 25	53.04	47.04	38.38	Type L	22.86	35.41
DDP-10**1	37 / 37	69.32	63.50	54.84			

Mixed Dual Port Solder Dip (Male / Female)

Part Number (Details) Specifications Insulation Resistance: 5,000MΩmin. DP - 04 D 1 Withstanding Voltage: 1.000V AC Contact Resistance: $10m\Omega max.$ Series Current Rating: 5A Connector Version: Operating Temp. Range: -55°C to +105°C Soldering Temp.: 240°C/3 sec. DP = Dual Port No. of Contacts (Top / Bottom): Materials and Finish 04 = 9 / 15 Shell: Steel, Tin plated 05 = 9 / 25 Insulator: Polyester Resin (glass filled) 06 = 15 / 9 Fiber reinforced, UL94V-0 RoHS 07 = 15/25 Contacts: Stamped Copper Alloy 08 = 25 / 9 Plating: Gold over Nickel 09 = 25 / 15 Conector Types (Top / Bottom): 1 = Male / Male 2 = Male / Female 3 = Female / Male 4 = Female / Female Vertical Distance between Connectors: S = 15.88mm, M = 19.05mm, L = 22.86mm

Assembly: 1 = With Snap-in 4-40 Clinch Nut (Std.) 2 = 4-40 UNC Threaded

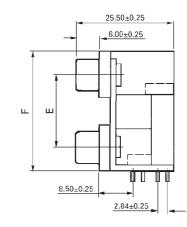
Outline Connector Dimensions



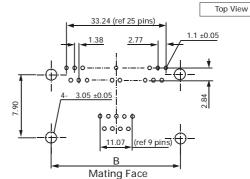
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Recommended PCB Layouts



Part No.	No. of Cont.	A	В	С	Mating Face		
DDP-04**1	9 / 15	30.81/39.14	24.99/33.32	16.33/24.66	Vertical Distances	F	F
DDP-05**1	9 / 25	30.81/53.04	24.99/47.04	16.33/38.38		L	•
DDP-06**1	15/9	39.14/30.81	33.32/24.99	24.66/16.33	Type S	15.88	28.42
DDP-07**1	15 / 25	39.14/53.04	33.32/47.04	24.66/38.38	Туре М	19.05	31.60
DDP-08**1	25/9	53.04/30.81	47.04/24.99	38.38/16.33	Type L	22.86	35.41
DDP-09**1	25 / 15	53.04/39.14	47.04/33.32	38.38/24.66			

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