

IDC – T*Series – All-Plastic for Discrete Cable Wire

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Features

Offered in 9, 15, 25, and 37 position plugs and sockets.

- Available in IDC (insulation displacement) terminations for discrete wire.
- RoHS version available
- Offered with .136 mounting holes.
- Approvals:
 - UL Recognized – Files E170218 (UL1977) and E130965 (UL1863).
 - CSA Approved – File LR31996.

Materials

- Insulator Material: Glass-filled polyester (black), UL 94 V-0 rated
- Contact Material: Phosphor bronze (stamped)
- Contact Plating: Gold flash or 30µin. gold in mating area and gold flash on the remainder. All over nickel.

Mechanical

- Individual Contact Insertion and Separation Force (minimum/maximum): 0.7 oz./12 oz.
- Durability: 500 mating cycles

Electrical

- Withstanding Voltage: Minimum 1000V RMS @ sea level
- Current Rating: 3 Amps
- Contact Resistance: 2.7 milliohms maximum
- Insulation Resistance: 5000 megohms maximum (initial); 1000 megohms (minimum) after environmental testing

Environmental

- Operating Temperature: -65°C to + 125°C
- Shock: 50G peak per MIL-STD-202, Method 213, Condition G
- Vibration: 12 cycles in three perpendicular directions @ 10-2000Hz, per MIL-STD-202, Method 204, Condition D
- Moisture Resistance: 90-95% relative humidity @ 40°C for 96 hours per MIL-STD-202, Method 103

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Part Numbers

Ordering Information

IDC All-Plastic Plugs Plain Flange

	Mounting Holes	
Positions	Gold Flash	
9	TE-9P	
15	TA-15P	
25	TB-25P	
37	TC-37P	Discont

Ordering Information

IDC All-Plastic Sockets

	Mounting Holes	
Positions	Gold Flash	
9	TE-9S	
15	TA-15S	
25	TB-25S	
37	TC-37S	Discont

Ordering Information – RoHS version IDC All-Plastic Plugs – Plain Flange

	Mounting Holes	
Positions	Gold Flash	Drawing
9	TEH-9P	pdf
15	TAH-15P	pdf
25	TBH-25P	pdf
37	TCH-37P Discont	pdf

Ordering Information – RoHS version IDC All-Plastic Sockets – Plain Flange

	Mounting Hole	
Positions	Gold Flash	Drawing
9	TEH-9S	pdf
15	TAH-15S	pdf
25	TBH-25S	pdf
37	TCH-37S	pdf

- For use only with SDH Series Gray Backshell.
- Connector will accommodate 24-28 AWG wire.

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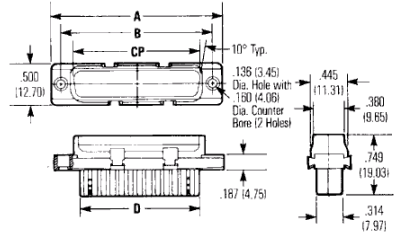
Dimensions

Positions	A		B		CP		CS		D			
	in	mm	in	mm	in	mm	in	mm	in	mm		
9	1.209	30.71	1.309	33.25	.984	24.99	.668	16.96	.642	16.31	.592	15.04
15	1.536	39.01	1.636	41.55	1.312	33.32	.995	25.28	.970	24.64	.918	23.31
25	2.079	52.81	2.179	55.35	1.852	47.04	1.535	38.99	1.512	38.40	1.462	37.13
37	2.724	69.19	2.824	71.73	2.500	63.50	2.183	55.45	2.158	54.81	2.114	53.70

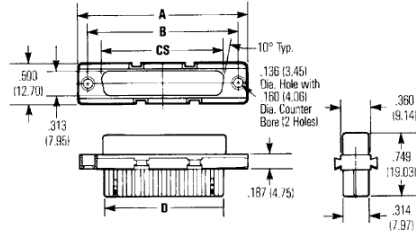
Optional strain relief covers for connectors when backshell is not required.



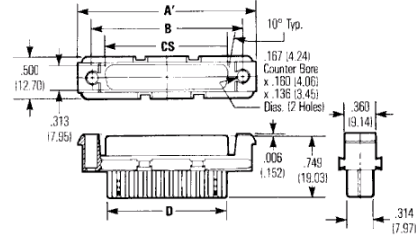
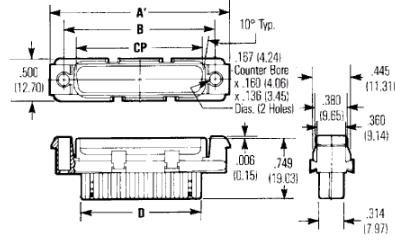
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Plug with Latching Blocks



Socket with Latching Blocks



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