3M™ Pak 50 I/O Socket

.050" Straight and Right Angle, Cable Mount

P50 Series



- Supports 28 or 30 AWG discrete or laminated wire cables
- Fully EMI shielded
- 20 to 100 position
- · Mates to P50 series panel mount plug

Date Modified: May 15, 2003

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Physical

Insulation

Material: Glass filled Nylon

Flammability: UL 94V-0

Color: Black

Contact

Material: Phosphor Bronze

Plating

Underplating: Nickel

Wiping Area: See Ordering Information Termination Area: Tin Alloy over Nickel

Wire Accomodation: 28 or 30 AWG Stranded Cable

Electrical

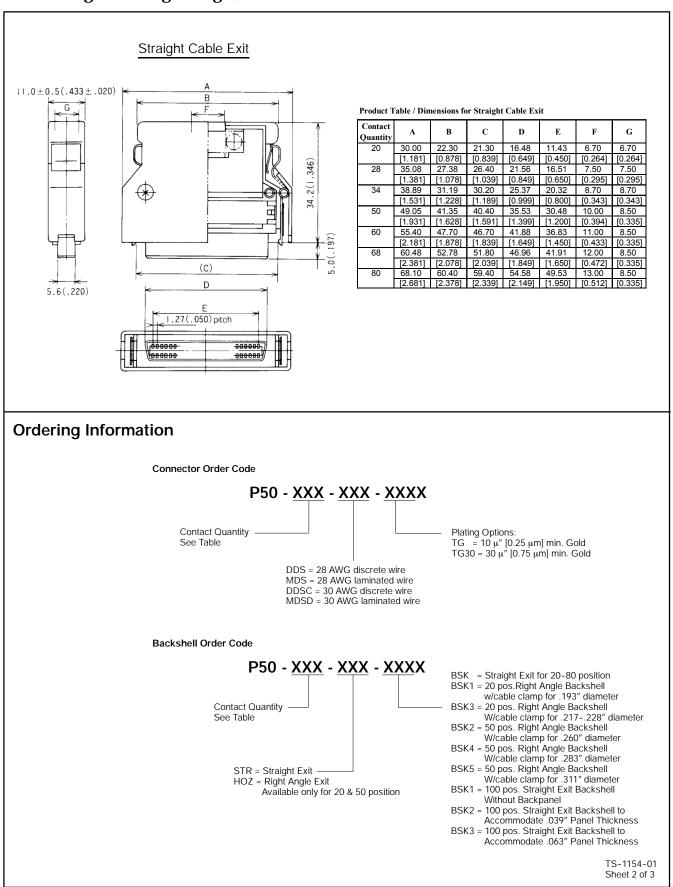
Current Rating: 0.5 A

Insulation Resistance: $10^3 \text{ M}\Omega \text{ min.}$ at 500 V DC **Withstanding Voltage** 650 V AC for 1 minute

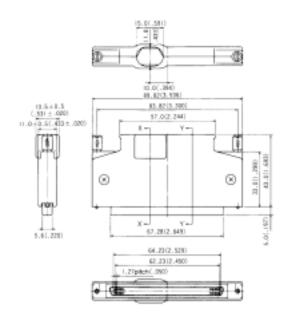
Environmental

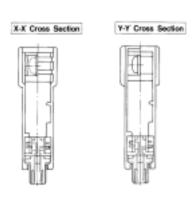
Temperature Rating: -55°C to +85°C

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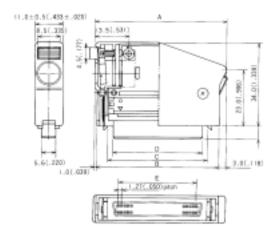
Straight Cable Exit for 100 Pins





Right Angle Cable Exit

Available only for 20 & 50 Contacts



Product Table / Dimensions for Right Angle Cable Exit

Contact Quantity	A	В	C	D	E
20	34.00	30.00	21.30	16.48	11.43
	[1.339]	[1.181]	[0.839]	[0.649]	[0.450]
50	53.05	49.00	40.35	35.53	30.48
	[2.089]	[1.929]	[1.589]	[1.399]	[1.200]

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