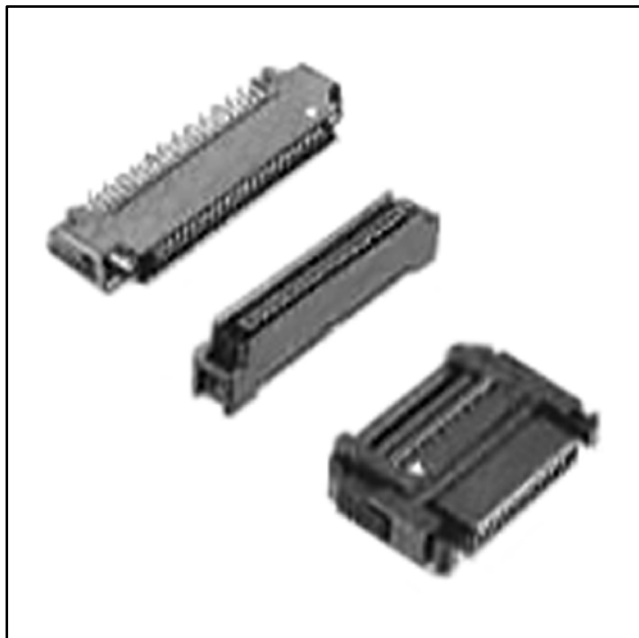


3M™ Pak 50 Wiremount Socket

.050" Wiremount Socket for .050" Pitch Cable

P50 Series



- P50 connector terminates two separate 1.27 mm (50 mil) pitch flat ribbon cables
- Accepts 28 AWG PVC cable (3M 3365 Series)
- Latch/eject mechanism maintains a secure connection
- Cable strain relief standard
- Tooling available for customer cable assembly termination
- ☐ RoHS* compliant

Date Modified: December 15, 2006

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Sheet 1 of 2

Physical

Insulation

Material: Glass filled Nylon
Flammability: UL 94V-0
Color: Black

Contact

Material: Copper Alloy

Plating

Underplating: Nickel
Wiping Area: .25 μm [10 μm] Gold
Termination Area: Gold Flash
Wire Accomodation: 28 AWG Stranded PVC Flat Ribbon Cable

Electrical

Current Rating: 0.5 A
Insulation Resistance: 10^3 M Ω min. at 500 V DC
Withstanding Voltage 650 V AC for 1 minute

Environmental

Temperature Rating: -55°C to +85°C

**RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated in writing by 3M, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.

UL File No.: E68080

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3M™ Pak 50 Wiremount Socket

.050" Wiremount Socket for .050" Pitch Cable

P50 Series

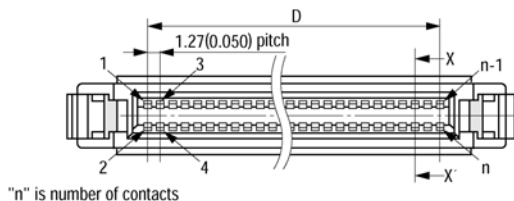
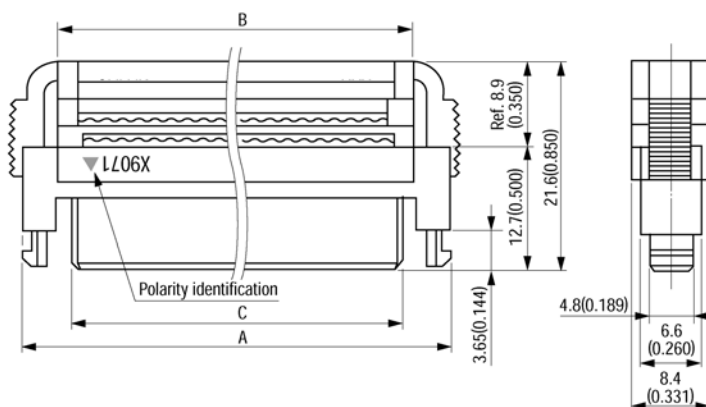
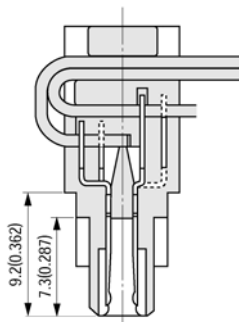
Product Table / Dimensions

Contact Quantity	A	B	C	D
20	25.43	17.83	15.43	11.43
	[1.001]	[0.702]	[0.607]	[0.450]
26	29.24	21.64	19.24	15.24
	[1.151]	[0.852]	[0.757]	[0.600]
30	31.78	24.18	21.78	17.78
	[1.251]	[0.952]	[0.857]	[0.700]
32	33.05	25.45	23.05	19.05
	[1.301]	[1.002]	[0.907]	[0.750]
34	34.32	26.72	24.32	20.32
	[1.351]	[1.052]	[0.957]	[0.800]

Contact Quantity	A	B	C	D
40	38.13	30.53	28.13	24.13
	[1.501]	[1.202]	[1.107]	[0.950]
50	44.48	36.88	34.48	30.48
	[1.751]	[1.452]	[1.357]	[1.200]
52	45.75	38.15	35.75	31.75
	[1.801]	[1.502]	[1.407]	[1.250]
60	50.83	43.23	40.83	36.83
	[2.001]	[1.702]	[1.607]	[1.450]
68	55.91	48.31	45.91	41.91
	[2.201]	[1.902]	[1.807]	[1.650]



X-X' Cross Section



"n" is number of contacts

Note: Strain relief standard.

Ordering Information

P50 - XXXS - EA

Contact Quantity
See Table

Application tools: 3640 press (or equivalent), 3443-128 locator platen, 3442-126 platen.

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Sheet 2 of 2

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