

3M™ Pak 50 Wiremount Socket

.050" Wiremount Socket for .025" Pitch Cable

P25E Series



- P25E connector terminates 30 AWG stranded 0.635 mm (25 mil) pitch flat PVC cable (3754 series)
- Daisy chain capability
- Designed to mate with P50 series IDC boardmount connectors
- Latch/eject mechanism maintains a secure connection
- Cable strain relief standard
- Finished cable assemblies to customer specifications available
- Tooling available for customer cable assembly termination

Date Modified: May 24, 2004

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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 Accommodation: 30 AWG Stranded PVC Flat Ribbon Cable

Electrical

Current Rating: 0.5 A
Insulation Resistance: 10^3 M Ω min. at 250 V DC
Withstanding Voltage 300 V AC for 1 minute

Environmental

Temperature Rating: -55°C to +85°C

UL File No.: E68080

3M
Interconnect Solutions
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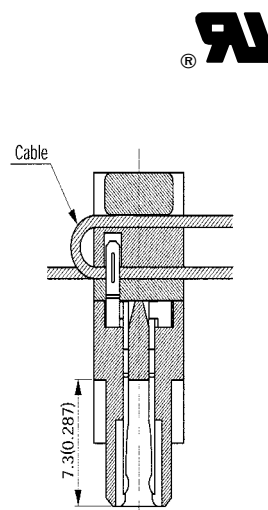
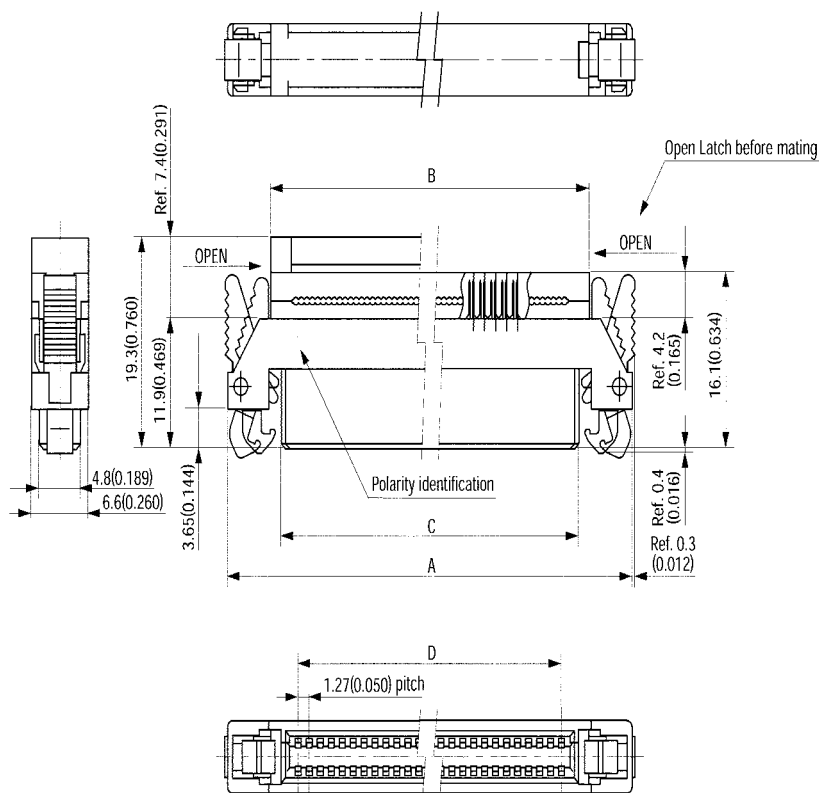
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Product Table / Dimensions

Contact Quantity	A	B	C	D
20	27.83	17.83	15.43	11.43
	[1.096]	[0.702]	[0.607]	[0.450]
26	31.64	21.64	19.24	15.24
	[1.246]	[0.852]	[0.757]	[0.600]
30	34.18	24.18	21.78	17.78
	[1.346]	[0.952]	[0.857]	[0.700]
32	35.45	25.45	23.05	19.05
	[1.396]	[1.002]	[0.907]	[0.750]
34	36.72	26.72	24.32	20.32
	[1.446]	[1.052]	[0.957]	[0.800]
40	40.53	30.53	28.13	24.13
	[1.596]	[1.202]	[1.107]	[0.950]

Contact Quantity	A	B	C	D
50	46.88	36.88	34.48	30.48
	[1.846]	[1.452]	[1.357]	[1.200]
60	53.23	43.23	40.83	36.83
	[2.096]	[1.702]	[1.607]	[1.450]
68	58.31	48.31	45.91	41.91
	[2.296]	[1.902]	[1.807]	[1.650]
80	65.93	55.93	53.53	49.53
	[2.596]	[2.202]	[2.107]	[1.950]
100	78.63	68.63	66.23	62.23
	[3.096]	[2.702]	[2.607]	[2.450]



Conn Size	Locator Plate PN
20 & 32	3443-127A
26 & 40	3443-127B
30 & 50	3443-127C
34 & 60	3443-127D
68	3443-127E
80 & 100	3443-127F

Note: Strain relief standard.

Ordering Information

P25E - XXXS - XXX

Contact Quantity
See Table

Plating Options:
TGF = 2 μ" [0.05 μm] min. Gold
TG = 10 μ" [0.25 μm] min. Gold
TG30 = 30 μ" [0.75 μm] min. Gold

Application tools: Press: 3640 (or equivalent); See application tooling chart above for locator plate; Platen - 3442-126.

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