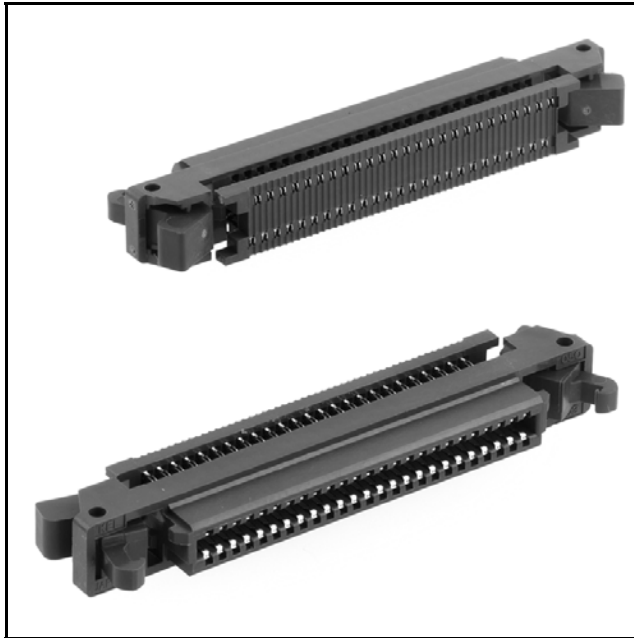


# 3M™ Pak 50 Low Profile Wiremount Socket

.050" for .025" Pitch Cable

P25LE Series



- P25LE terminates 25 mil pitch, 30 AWG stranded wire, PVC insulated, flat ribbon cable
- Low profile 11.8 mm mated height
- P50LE mate offers surface mount, straight and right angle thru-hole options
- Latch/eject mechanism maintains a secure connection
- Cable strain relief standard
- Tooling available for customer cable assembly termination
- RoHS\* compliant

Date Modified: December 13, 2006

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Sheet 1 of 2

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## Physical

### Insulation

Material: Glass Filled Nylon  
Flammability: UL 94V-0  
Color: Brown

### Contact

Material: Phosphor Bronze

### Plating

Underplating: Nickel  
Wiping Area: Gold flash  
Termination Area: Gold flash  
Wire Accommodation: 30 AWG Stranded PVC Flat Ribbon Cable (3M #3754 or approved equivalent))

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## Electrical

**Current Rating:** 0.5 A  
**Insulation Resistance:**  $10^3 \Omega$  at 250 V<sub>DC</sub>  
**Withstanding Voltage:** 300 V<sub>AC</sub> for 1 minute

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## 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.

# 3M™ Pak 50 Low Profile Wiremount Socket

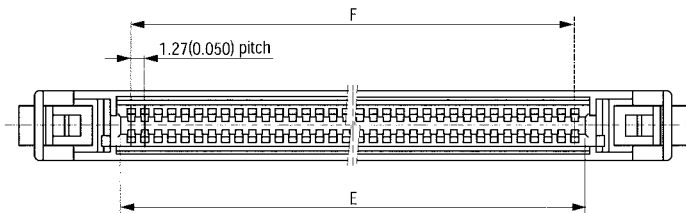
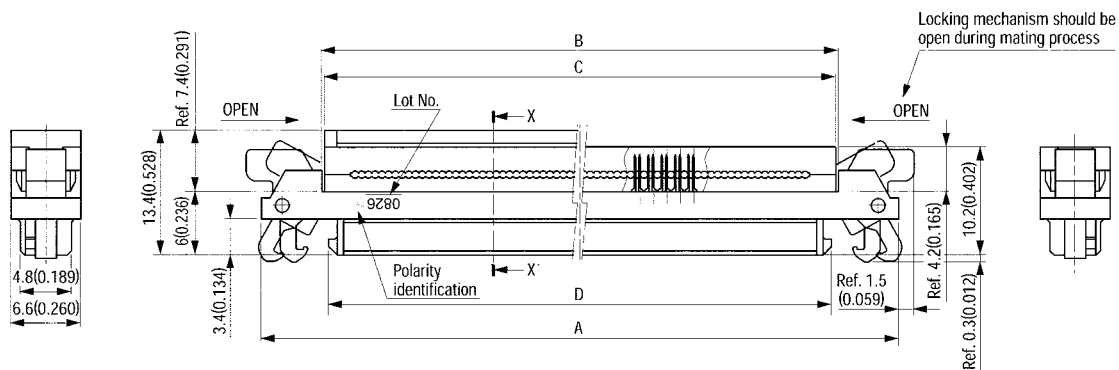
.050" for .025" Pitch Cable

P25LE Series

Product Table / Dimensions

Contact Quantity	A	B	C	D	E	F
20	29.63	18.23	17.83	17.03	13.43	11.43
	[1.167]	[0.718]	[0.702]	[0.670]	[0.529]	[0.450]
30	35.98	24.58	24.18	23.38	19.78	17.78
	[1.417]	[0.968]	[0.952]	[0.920]	[0.779]	[0.700]
40	42.33	30.93	30.53	29.73	26.13	24.13
	[1.667]	[1.218]	[1.202]	[1.170]	[1.029]	[0.950]
50	48.68	37.28	36.88	36.08	32.48	30.48
	[1.917]	[1.468]	[1.452]	[1.420]	[1.279]	[1.200]

Contact Quantity	A	B	C	D	E	F
60	55.03	43.63	43.23	42.43	38.83	36.83
	[2.167]	[1.718]	[1.702]	[1.670]	[1.529]	[1.450]
68	60.11	48.71	48.31	47.51	43.91	41.91
	[2.367]	[1.918]	[1.902]	[1.870]	[1.729]	[1.650]
80	67.73	56.33	55.93	55.13	51.53	49.53
	[2.667]	[2.218]	[2.202]	[2.170]	[2.029]	[1.950]
100	80.43	69.03	68.63	67.83	64.23	62.23
	[3.167]	[2.718]	[2.702]	[2.670]	[2.529]	[2.450]



mm		[Inch]	
Tolerance Unless Noted			
	0.0	0.00	
mm	±.1	±.10	

[ ] Dimensions for Reference only

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

Note: Strain relief standard.

## Ordering Information

**P25LE - XXXS - DA**

Contact Quantity  
See Table

Application tooling: 3640 press (or equivalent), Locator plate per chart above, 3442-126 platen.

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Sheet 2 of 2

## Important Notice

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Minimum 10%  
Post-Consumer Fiber

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