

3M™ Shrunk Delta Ribbon (SDR) Connectors

.80mm Surface Mount, Right Angle, Receptacle, Shielded

122 Series



- Wiper on wiper contact for reliable repetitive mating
- Full metal face for better EMI shielding effectiveness
- Contacts: 14 and 26
- On-board jacksockets maintains a secure connection
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: March 11, 2010

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Physical

Insulation Material:	14 pin: PPS	26 pin: LCP
Flammability:	UL 94V-0	
Color:	Black	
Contact Material:	Copper Alloy	
Plating:	Underplating: 100 μ " [2.55 μ m] Nickel	
	Wiping Area: 30 μ " [0.76 μ m] Gold	
	Termination Area: 80 μ " [2 μ m] Tin	
Shroud & Latch Hook Material:	Steel	
	Plating: Nickel	
Ground Lock Material:	Copper Alloy	
	Plating: Tin	
Lock Screw Material:	Steel	
	Plating: Nickel	
Alignment Plate Material:	PPS	
Earth Plate Material:	Copper Alloy	
	Plating: Tin	
Hex Nut:	Brass	
Marking:	3M logo and part number	

Electrical

Current Rating:	0.5 A
Insulation Resistance:	500 M Ω min at 250 V _{DC}
Withstanding Voltage:	250 V _{AC} for 1 minute

Environmental

Temperature Rating:	-40°C to +70°C
Process Rating:	up to +240°C, 5 $\pm$ 0.5 secs (220°C, 40 sec $\pm$ 0.5)

UL File No. E68080



Electronic Solutions Division
Interconnect Solutions
<http://www.3Mconnector.com>

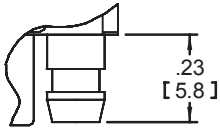
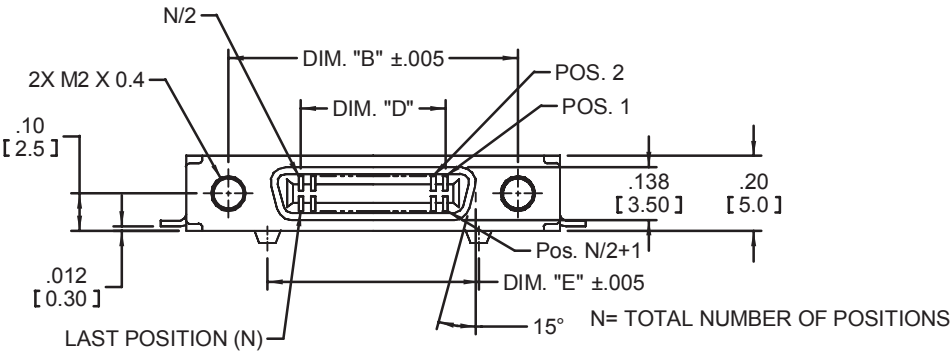
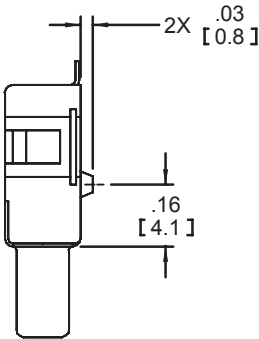
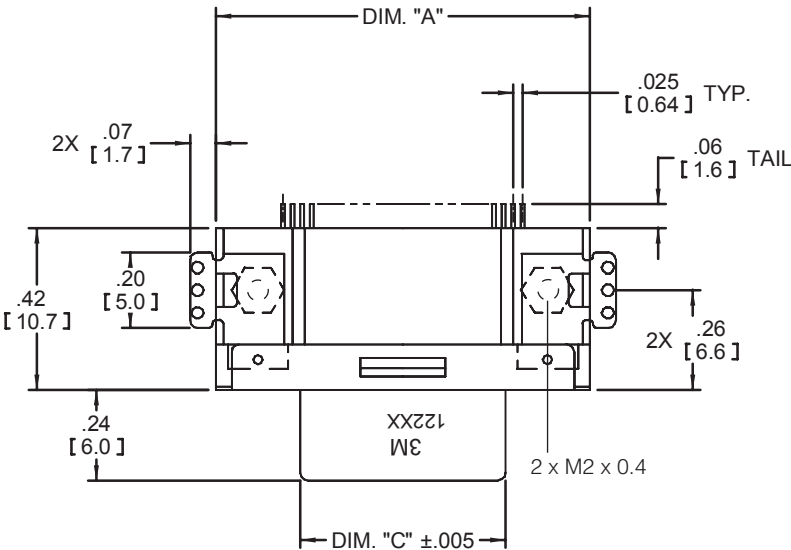
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Contact Quantity	Connector Dimensions Table							
	A	B	C	D	E	F	G	H
14	.79 [20.0]	.57 [14.4]	.35 [8.8]	.19 [4.8]	.36 [9.2]	.325 [8.255]	.75 [19.0]	.12 [3.07]
26	.98 [24.8]	.76 [19.2]	.54 [13.6]	.38 [9.6]	.55 [14.0]	.625 [15.875]	.94 [23.8]	.06 [1.66]



SCREW LOCK
M2 X 0.4



Inch
[mm]

Tolerance Unless Noted			
	.0	.00	.000
Inch	±.1	±.01	±.005

[] Dimensions for
Reference only

Reference Note 1

Ordering Information

122XX - 8250-00FR (RIA E1 & C1 apply)

Contact Quantity (See Table 1)

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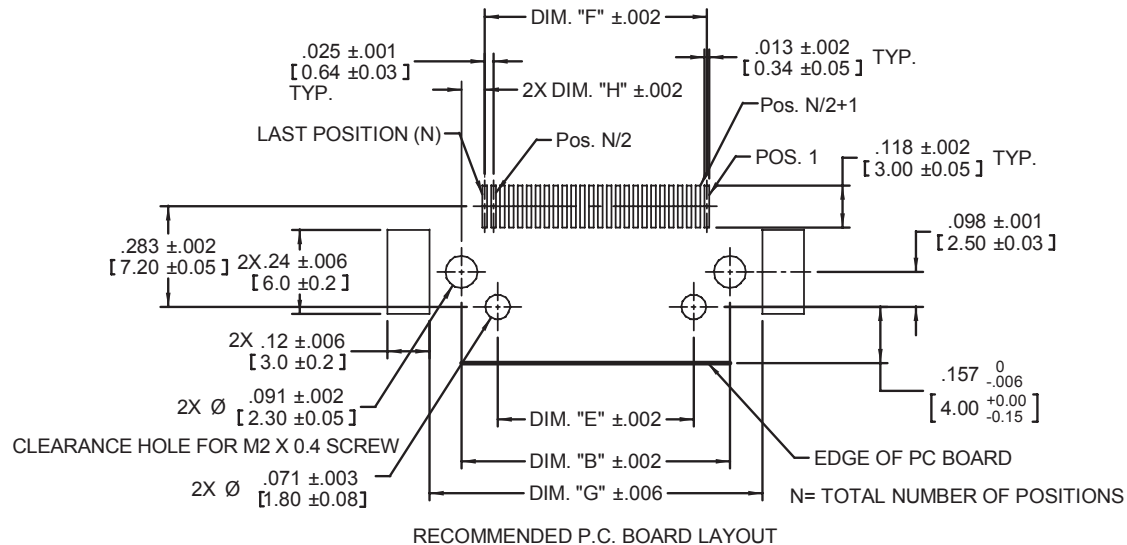
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Position	Panel Cut-Out Dimension Table Table 2	
	Dim. X	Dim. Y
14	.41 [10.5]	.57 [14.4]
26	.60 [15.3]	.76 [19.2]

1 - For various panel thickness jackscrews and board lock screw refer to TS-0142.

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