

3M™ Connector for CFast™ Card

7G24 Series



- Headers mate with both CFast™ Type I and Type II cards
- Extended guide rails enable accurate and easy card insertion
- Single row surface mount solder tails facilitate auto placement and IR soldering
- Optional 2 mm board standoff enables board population
- Meets CFA standards for known compatibility and reliability
- Optional ejector and card retainer can be purchased pre-assembled or separately
- Integral side solder tab with card grounding feature and also prevent the card from ‘flying’ out of header during ejection
- See the Regulatory Information Appendix (RIA) in the “RoHS compliance” section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)

Date Modified: May 12, 2010

TS-2329-A
Sheet 1 of 4

Physical

Insulation:

Material: High Temperature Thermoplastic
Flammability: UL 94V-0
Color: Beige

Contact:

Material: Copper Alloy

Terminal Plating:

Underplating: 80 μ " [2.03 μ m] Min. Nickel
Wiping Area: 15 μ " or 30 μ " [0.38 – 0.76 μ m] Min. Gold
Solder Tail: 100 μ " [2.54 μ m] Min. Matte Tin

Electrical

Current Rating: 1.5 A per pin

Insulation Resistance: 10³ M Ω at 500 V_{AC}

Withstanding Voltage: 500 V_{AC} for 1 minute

Environmental

Temperature Rating: -40°C to 85°C

Process Temperature Rating: Max. 260°C (per J-STD-020C)

Moisture Sensitivity Level: 1 (per J-STD-020C)



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

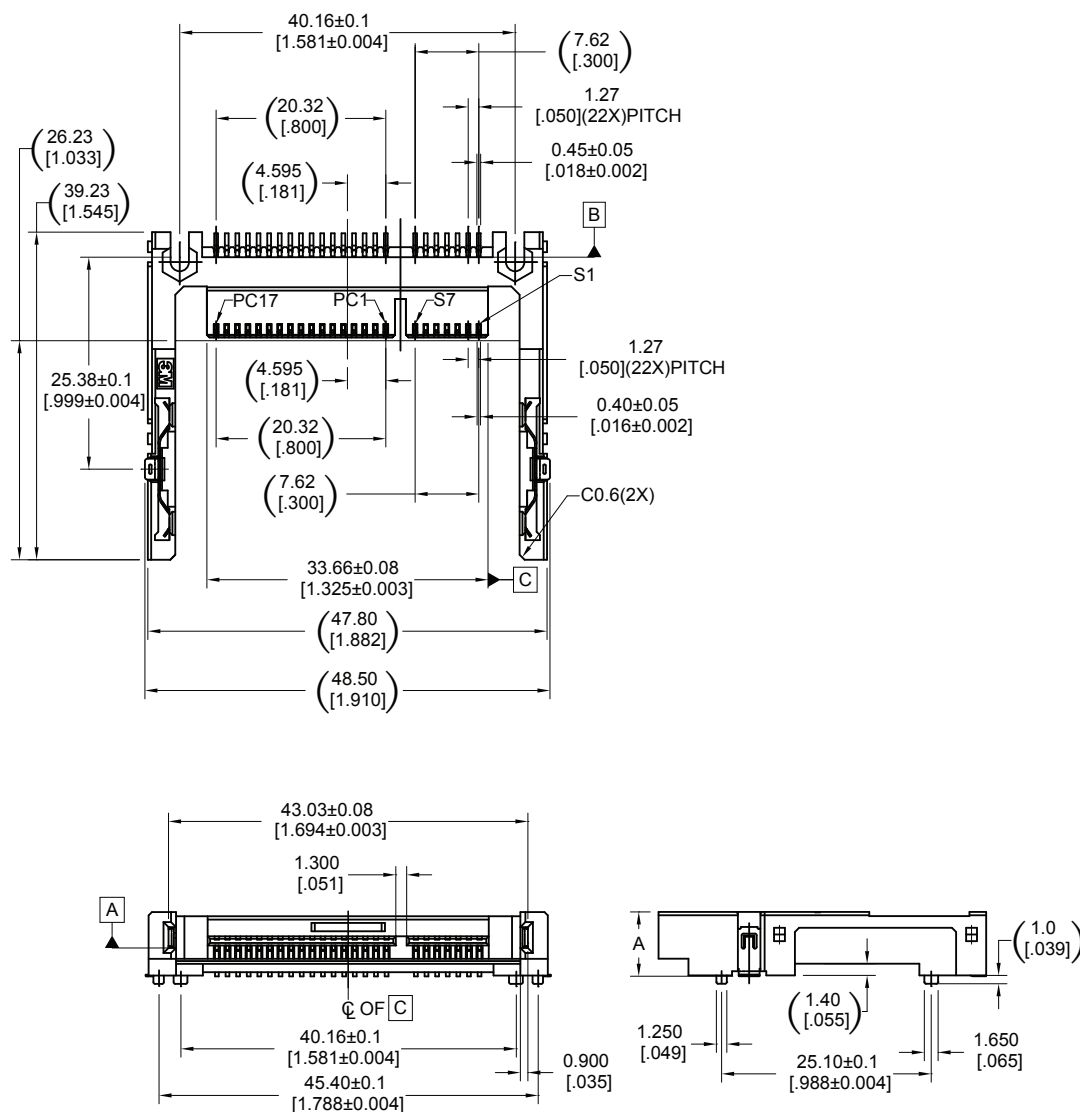
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3M™ Connector for CFast™ Card

7G24 Series



Part No.	Dimension 'A' mm [inch]
N7G24-A0B2XX-00-XHT	5.70 [.224]
N7G24-A0B2XX-10-XHT	7.70 [.303]

mm [inch]			
Tolerance Unless Noted			
	.0	.00	.000
mm	$\pm .25$	$\pm .15$	$\pm .05$
inch	$\pm .010$	$\pm .006$	$\pm .002$

[] Dimensions for Reference Only

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TS-2329-A
Sheet 2 of 4



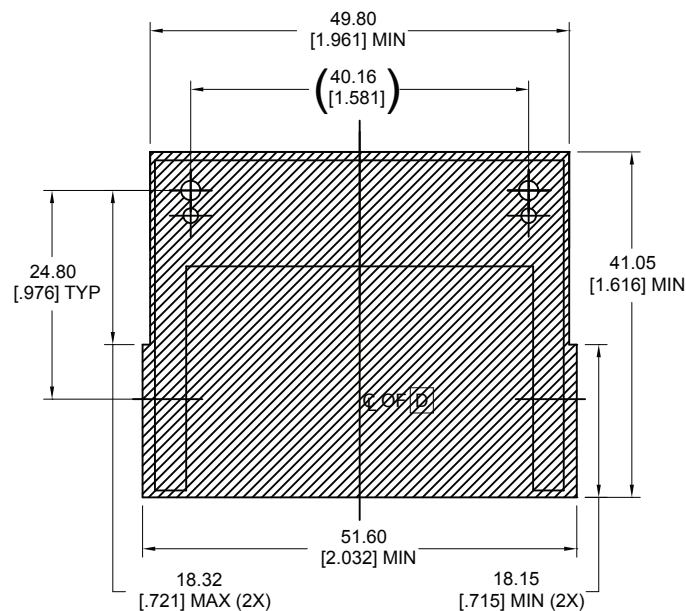
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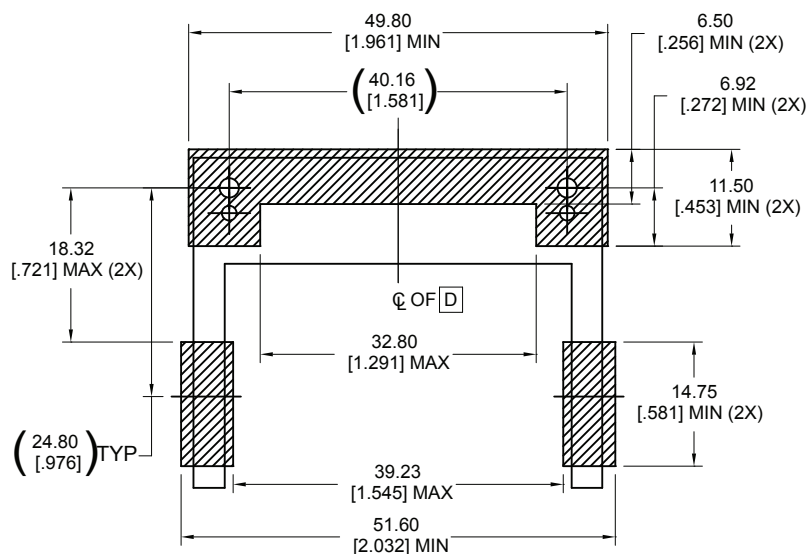
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3M™ Connector for CFast™ Card

7G24 Series



COMPONENT REFLOW KEEP OUT ZONE
(FOR NO STANDOFF HEIGHT CONNECTOR)



COMPONENT REFLOW KEEP OUT ZONE
(FOR 2MM STANDOFF CONNECTOR)

7G24 Series



N7G24 - A 0 X X XX - X 0 - X XX

1 = 2 mm Standoff

TS-2329-A
Sheet 4 of 4

Important Notice

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www.3M.com



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