# 3M<sup>™</sup> CF Card Header

CompactFlash™ Type II, Surface Mount



## • Headers mate with both CompactFlash™ Type I and Type II cards

- Polarization options for top or bottom boardmount
- Extended guide rails enable accurate and easy card insertion
- Guide rail ESD clip contacts board ground pads
- 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
- RoHS compliant\* version (RA or RB plating suffix) available

Date Modified: January 30, 2006

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### **Physical**

Insulation	
Material:	High Temperature Thermoplastic
Flammability:	UL 94V-0
Color:	Beige
Contact	
Material:	Copper Alloy
Plating	
Underplating:	2.03 μm [ 80 μ"] Nickel
Wiping Area:	0.38 $\mu m$ [ 15 $\mu''$ ] and 0.76 $\mu m$ [ 30 $\mu''$ ] Gold
Solder Tails:	$2.54~\mu m$ [ $100~\mu''$ ] 90/10 Tin Lead or $3.81\mu m$ [150 $\mu''$ ] Matte tin (RoHS compliant) (see ordering information)

### **Electrical**

Current Rating:0.5 AInsulation Resistance: $10^3 \text{ M}\Omega \text{ at } 500 \text{ VDC}$ Withstanding Voltage:500 VAC for 1 minute

Inculation

### Environmental

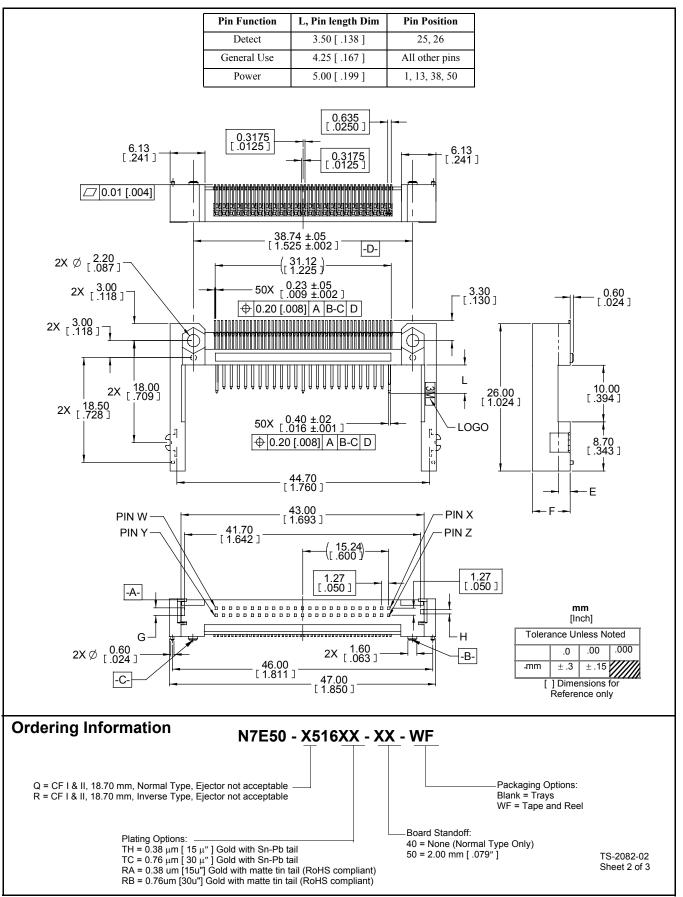
Temperature Rating:-40°C to +85°CProcess Rating:Maximum 260 C (per J-STD-020C)Moisture Sensitivity Level:1 (per J-STD-020C)

\*"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.

CompactFlash is a registered trademark of Sandisk Corporation.

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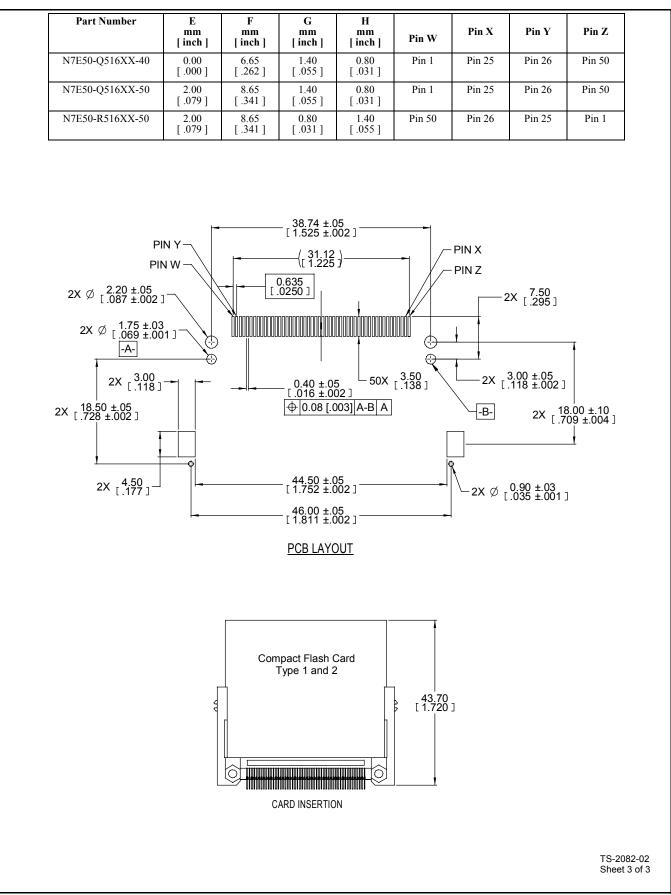
### 3M Interconnect Solutions http://www.3M.com/interconnects/

7E50 Series

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## 7E50 Series



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Minimum 10% Post-Consumer Fiber

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