

3M™ CF Card Header

CompactFlash™ Type II, Surface Mount

7E50 Series



- 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

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TS-2082-02
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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 $\mu\text{''}$] Nickel
Wiping Area: 0.38 μm [15 $\mu\text{''}$] and 0.76 μm [30 $\mu\text{''}$] Gold
Solder Tails: 2.54 μm [100 $\mu\text{''}$] 90/10 Tin Lead or 3.81 μm [150 $\mu\text{''}$] Matte tin (RoHS compliant) (see ordering information)

Electrical

Current Rating: 0.5 A
Insulation Resistance: 10^3 M Ω at 500 VDC
Withstanding Voltage: 500 VAC for 1 minute

Environmental

Temperature Rating: -40°C to +85°C
Process 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.

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Minimum 10%
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