$3M^{\text{TM}}$ CF Card Header

CompactFlash[™] Type II, Long Guides, Surface Mount

	 Headers mate with both CompactFlash[™] Type I and Type II cards
3 1	Polarization options for top or bottom boardmount
and the second sec	 Extended guide rails enable accurate and easy card insertion
AZ HIMMAN	 Single row surface mount solder tails facilitate auto placement and IR soldering
H.	Optional 2 mm board standoff enables board population
the state of the s	• Meets CFA standards for known compatibility and reliability
3	Metal brace provides stability for ejector attachment
	• Multiple styles of ejector available
	 Optional ejector can be purchased pre-assembled or separately
	 Optional Tape and Reel or Tray packaging for automated assembly
	• See the Regulatory Information Appendix (RIA) in the "RoHS compliance" section of www.3Mconnector.com for compliance information (RIA E1 & C1 apply)
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Physical

Insulation:

Material:High Temperature ThermoplasticFlammability:UL 94V-0Color:BeigeContact:Copper AlloyMaterial:Copper AlloyPlating:2.03 μm [80 μ"] NickelWiping Area:0.38 μm [15 μ"] or 0.76 μm [30 μ"] GoldSolder Tails:3.81μm [150 μ"] Matte Tin or Gold FlashMarking:3M Logo

Electrical

Current Rating:0.5 AInsulation Resistance: $10^3 \Omega$ at 500 V_{DC} Withstanding Voltage: 500 V_{AC} 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)

CompactFlash is a registered trademark of Sandisk Corporation.

3M[™] CF Card Header

CompactFlash[™] Type II, Long Guides, Surface Mount

7E50 Series



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