# 3M<sup>™</sup> PCB .100″ x .100″ Two Row



- 78XX Series
- Single connector termination reduces overall connector cost
- 7.3 mm terminated height for applications requiring low-profile off the board
- Solder bumps facilitate board cleaning
- Fits standard .100" x .100" header layout
- Uses less board area than 4-row design
- RoHS\* compliant

Date Modified: March 1, 2006

TS-2104-02 Sheet 1 of 2

### **Physical**

Insulation	
Material:	Glass Filled Ployester
Flammability:	UL 94V-0
Color:	Gray
Contact	
Material:	Beryllium Copper
Plating	
Underplating:	100µ" [ 2.54µm ] Nickel
U slot and Solder Tails:	Gold flash
Wire Accommodation:	26 AWG Stranded, 28 AWG Solid or Stranded, 30 AWG Solid

## Electrical

Current Rating:1.0 AInsulation Resistance:> 1000 MΩ min. at 500 VDCWithstanding Voltage:1000 V AC for 1 minute

#### Environmental

**Temperature Rating:** -55°C to +105°C

Note: May require process accommodations in "no lead" soldering.

\*"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.

UL File No.: E68080

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

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78XX Series



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Minimum 10% Post-Consumer Fiber

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