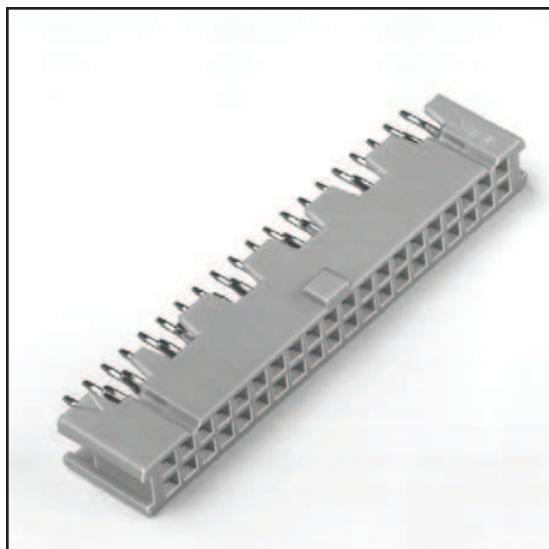


3M™ Polarized Boardmount Socket

.100" × .100" Centerbump Polarization with Straight Solder Tails

8500 Series



- Centerbump polarization
- Mates with low profile shrouded headers
- Part number on each piece
- Optional keying plug
- UL 94V-0 rated polyester body
- Board retention feature
- See regulatory information appendix (RIA) for chemical compliance information

Date Modified: April 11, 2008

TS-0413-C
Sheet 1 of 2

Physical

Insulation:

Material: Glass Filled Polyester (PBT)

Flammability: UL 94V-0

Color: Gray

Contact:

Material: Copper Alloy

Underplating: 2 μm [79 μin] Nickel

Wiping Area: 0.3 μm [12 μin] Gold

Solder Tails: Gold flash

Marking: 3M Logo, Part Identification Number and Orientation Triangle

Electrical

Current Rating: 1 A

Insulation Resistance: $> 1 \times 10^9 \Omega$ at 500 V_{DC}

Withstanding Voltage: 1,000 V_{RMS} at Sea Level

Environmental

Temperature Rating: -55°C to 105°C

Process Rating: 260°C 10 seconds (Wave Solder)

390°C 3 seconds (Soldering Iron)

UL File No.: E68080



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Interconnect Solutions
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800-225-5373