PIN GRID ARRAY SOCKET SYSTEM
FOR
.8mm, 1mm, 1.27mm, and 2.54mm
ADAPTERS

PERFORMANCE AND MATERIALS SPECIFICATIONS

Thermal Performance [FR-4 Standard]:
- Operating Temperature Range: -55° to 140°C
- Glass Transition Temperature Range: 150° to 200°C
- Resistance to Soldering Heat: 10 seconds @ 288°C
- Flammability Rating [UL-94]: UL94V-0
- IEC Climatic Category: 55/125/21

Electrical Performance: Tests IAW MIL-STD-202 OR-1344 Methods:
- Maximum Voltage: 75 VAC / 100 VDC
- Maximum Current: 1 Ampere per contact
- Contact Resistance: Dry Circuit: .01 Ω Max. @ .01 Amps/5VDC
- Insulation Resistance, @ 500VDC: 10,000 MegOhms Min.

Contact Materials & Finishes [Other finishes available]:
- Bodies: Brass Alloy C36000 per ASTM-B16, 1/2 Hard, Plated 10μIn. Min. Gold over 100μIn Min. Nickel, [Or] 100μIn. Min. Tin over 100μIn Min. Nickel.
- Contacts: Beryllium Copper Alloy C17200 per ASTM-B194 Plated 10μIn Min. Gold over 50μIn Min. Nickel.
- Solder Balls: Eutectic, Sn 96.5/Ag 3.0/Cu .5 Solder, .015~.020 Melting Temperature 218.5°C [425.3°F]

PART NUMBER: ORDERING INFORMATION:

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