EconoStik™ 2.54mm Headers

ECONOMICAL GENERAL PURPOSE VERSATILE STACKERS

EconoStik™ 2.54mm is an economical range of 2.54mm unshrouded header. It is available in single-row and double-row with vertical through-hole, right-angle through-hole, and vertical SMT terminations.

EconoStik™ 2.54mm is a standard 0.64mm square header with high-temperature resin and 1μin gold plating in contact and tail. It supports up to 50 mating cycles.

Suitable for mid-end applications, EconoStik™ 2.54mm can be used in various board-to-board applications such as industrial control, test equipment, metering, POS machines, set-top box, surveillance equipment and vending machines.

- Single and double row options
- 0.64mm square header
- 50 mating cycles

FEATURES

- 0.64mm square headers
- High-temperature thermoplastic
- 1μin gold contact plating and tested to 50 mating cycles
- Customized mating and tail lengths
- Custom polarization available
- RoHS compliant and lead-free

BENEFITS

- Consistent and better mating performance with different types of receptacles
- Reflow-compatible
- Economical option
- Application flexibility
- Design flexibility
- Meet environmental, health and safety requirements
EconoStik™ 2.54mm Headers

TECHNICAL INFORMATION

MATERIAL
- Contact Base Metal: Brass
- Contact Area Finish: 1μin gold plating
- Solder Area Finish: 1μin gold plating
- Housing Material: High-temperature thermoplastic (UL94V-0), black

ELECTRICAL PERFORMANCE
- Insulation Resistance: 1000MΩ min.
- Low Level Contact Resistance: 20mΩ max.
- Withstanding Voltage: 1500V AC
- Current Rating: 3A continuous

MECHANICAL PERFORMANCE
- Retention Force Between Pin and Housing: 9N per pin.
- Durability: 50 mating cycles

ENVIRONMENTAL
- MFG Test per EIA 364–65 Class IIA, Duration 5 days (80 hours for un-mating and 40 hours for mating)
- High Temperature Life: 105°C

SPECIFICATIONS
- Product Specification: GS-12-1223

PACKAGING
- Poly Bag
- Tape and Reel with Pick-Up Cap

PART NUMBERS

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<tr>
<th>Row</th>
<th>Termination</th>
<th>Description</th>
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APPROVALS AND CERTIFICATIONS
- UL E66906
- CSA LR46923

TARGET MARKETS/APPLICATIONS
- Consumer