EconoStik™ 2.54mm HEADERS

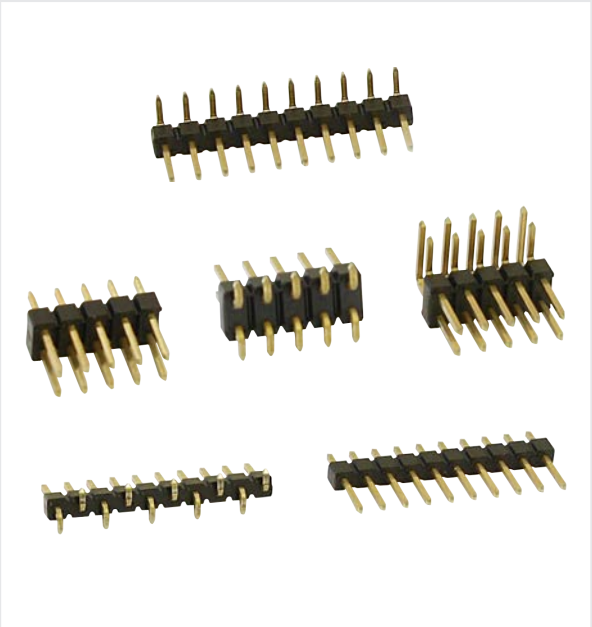
OVERVIEW

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

EconoStik™ 2.54mm is a standard 0.64mm square header with high-temperature resin and the header has 1u gold plating in contact and tail to support up to 50 mating cycles. It supports standard mating and tail length as well as customized lengths for specific applications.

The resin of housing is UL94V-0 flammability rated. And the product is certified by UL and CSA.

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.



FEATURES

- Drawn 0.64mm square wire presenting 4 equal quality surfaces
- High-Temperature plastic
- 1u gold plating in contact and tail, passed qualification test to have 50 mating cycles
- Customized mating and tail lengths
- Customer polarization available
- RoHS compliant and Lead-Free

BENEFITS

- Consistent and better mating performance with different types of receptacle
- Reflow compatible
- Economical option
- Suitable for specific designs
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- Meet environmental, health and safety requirements

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TECHNICAL INFORMATION

MATERIALS

- Contact Base Metal: Brass
- Contact Area Finish: 1u gold plating
- Solder Area Finish: 1u gold plating
- Housing Material: High-Temperature thermoplastic (UL94V-0), Black

ELECTRICAL PERFORMANCE

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

ENVIRONMENTAL

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

MECHANICAL PERFORMANCE

- Retention force between pin and housing: 9N per pin.
- Durability: 50 mating cycles

SPECIFICATIONS

- GS-12-1223

APPROVALS AND CERTIFICATIONS

- UL E66906
- CSA LR46923

PACKAGING

- Poly bag
- Tape and Reel with pick-up cap

TARGET MARKET/APPLICATIONS

- Industrial
  - Industrial controls
  - Test equipment
  - Metering
  - POS machine

PART NUMBERS

Row	Termination	Description	Part Number
Single Row	Through Hole	Vertical Header	10129378
	Through Hole	Right Angle Header	10129379
	SMT	Vertical Header	10129380
Double Row	Through Hole	Vertical Header	10129381
	Through Hole	Right Angle Header	10129382
	SMT	Vertical Header	10129383

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For more information,
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