

# EconoStik™ Product Presentation






Amphenol Information Communications  
and Commercial Products

 **FCi Basics**

# Amphenol ICC

- Value Proposition
- Product Overview
- Product Specifications
- Features & Benefits
- Part Numbers
- Markets & Applications
- Marketing Tools

- EconoStik™ is a 2.54mm solution unshrouded header suitable when durability is not an issue.
- 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.
- EconoStik™ is available in single-row and double-row with vertical through-hole, right-angle through-hole and vertical SMT types.
- With EconoStik™ we are relaunching a competitive solution for the Consumer, Telekom & Datacom market **with a new price positioning**

Description	Product Drawing Number	Photo (10 positions)
Single-row, vertical through-hole 2.54mm header	10129378	
Single-row, right-angle through-hole 2.54mm header	10129379	
Single-row, vertical SMT 2.54mm header	10129380	
Double-row, vertical through-hole 2.54mm header	10129381	
Double-row, right-angle through-hole 2.54mm header	10129382	
Double-row, vertical SMT 2.54mm header	10129383	



### Product Facts

- High Temperature performing plastic
- Full 1u" gold plating
- Variety of Positions:
  - 01 to 36 single row (TMT)
  - 04 to 72 double row (TMT)
  - 02 to 20 single row (SMT)
  - 04 to 40 double row (SMT)

### Electrical Performances

- Current Rating: 3A continuous
- Insulation Resistance: 5000 M $\Omega$  min.
- Dielectric withstanding voltage: 1500 V

### Mechanical Performances

- PIN retention to housing: 9N min
- Durability: 50 mating cycles

### Environmental

- Operating Temperature : -55–105°C

### Technical Data

- Housing : High temperature black thermoplastic
- Flammability rating: UL94 V-0
- Pin: Brass
- Plating: full 1u" Gold over 1.27 $\mu$ m (50 $\mu$ " ) nickel

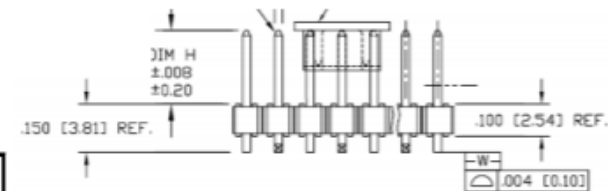
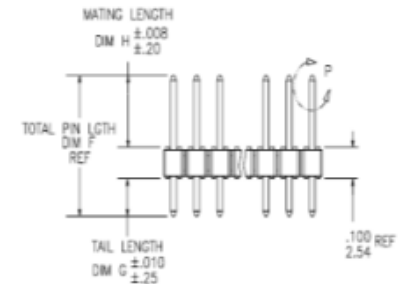
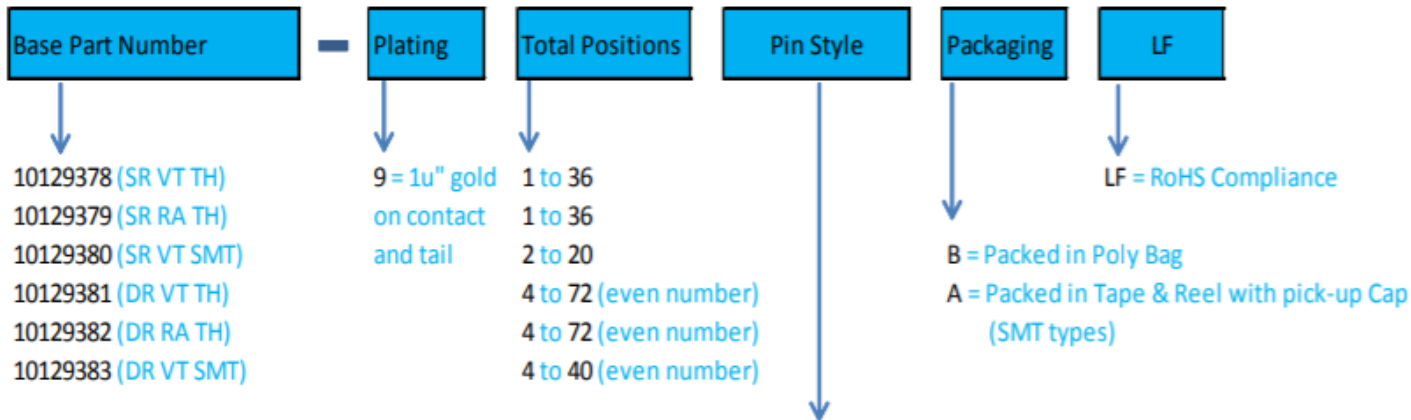
### Specifications

- Product spec GS-12-1223

### Packaging

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

Features	Benefits
0.64mm square headers	Consistent and better mating performance with different types of receptacle
High-temperature plastic	Reflow compatible
1μ" gold contact plating and tested to 50 mating cycles	Economical option
Customized mating and tail lengths	Suitable for specific designs
Custom polarization available	Suitable for specific designs
RoHS compliant and lead-free	Meet environmental, health and safety requirements



### Through-hole type

Product Feature	Mating length	Tail length
001	5.84mm	3.05mm
002	5.84mm	2.29mm
003	8.08mm	3.05mm
004	8.08mm	2.29mm

### SMT type

Product Feature	Mating length
001	5.84mm
002	8.08mm

■ SR = Single-Row; DR = Double-Row; VT = Vertical; RA = Right-Angle; TH = Through-Hole; SMT = Surface Mount Technology.

### Industrial, Instrumentation & Medical



### Communications market



### Consumer market



### Data market





Available on the web:

- Data Sheet
- Drawings
- Product presentation
- Product specification
- Samples available

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Thank you