

Minitek® 1.00mm

Product Presentation

Amphenol Information Communications
and Commercial Products

≡ **FCi Basics**

Amphenol ICC

- Value Proposition
- Product Specifications
- Features & Benefits
- Part Numbers
- Markets & Application
- Marcom Collaterals

Minitek® 1.00mm is low profile with a current rating of 1.0A per contact. These connector are designed for small pitch wire to board application with gauge range from 28 to 32 AWG. Available in single row and 2 to 20 circuits.

Crimp, snap-in header and receptacle contacts are used to terminate 28AWG-32AWG wires. Header and receptacle housings allow Wire-To-Board configurations. Available in vertical and R/A component. These IR reflow soldering headers are available in surface mount configurations

Product Facts

- Wire-to-board connectors with 1.0mm centerline.
- Single row, 2-20 positions
- Solution Vertical / Right Angle SMT pin header
- Available in UL94V-0 flammability rated PA9T
- Products are lead free to help promote a cleaner environment
- UL approved

Performances

- Current Rating : Up to 1A
- Insulation Resistance : 100M Ω Min
- Voltage rating : 500V rms

Environmental

- Operating temperature range: -25°C to +85°C

Mechanical Performances

- Mating Force : Refer to product spec.
- Unmating Force: .Refer to product spec.
- Durability : 30 cycle

Mechanical Performances

- Product Spec : GS-12-1465
- Package Spec : GS-14-2615

Features	Benefits
Small pitch wire to board	Capable for 1.0A
Low profile design	Save PCB space
UL94V-0 flammability rated PA9T material	High Flammability rating
RoHS compliant and lead-free	Meets health and safety requirement
Halogen-free resin material	Meets environmental requirement

AFCi P/N	Configuration	Row	Positions	Plating	Product View
10147605	Vertical SMT	Single	2-20	Tin Gold Flash	
10147606	R/A SMT	Single	2-20	Tin Gold Flash	
10147603	Receptacle HSG	Single	2-20	N/A	
10147604	Femal Terminal	N/A	N/A	Tin Gold Flash	



- Servo motor



- Patient Monitor



- DVDs
- Air Conditioning
- PCs
- Mobile POS terminals
- Set-Top Boxes
- Notebook PC
- LCDs
- Smart meters
- LCD TVs
- PDPs
- Digital TVs
- Small OA Machines

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THANK YOU