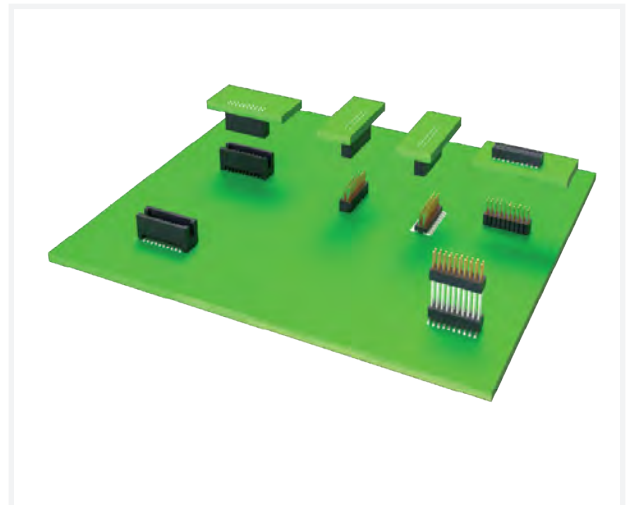


## Minitek127® Board-to-Board Connector

### 1.27MM / BOARD-TO-BOARD CONNECTOR / STACKING HEIGHT / WIDE RANGE / SHROUDED

Minitek127® board-to-board series are 1.27mm pitch connector, position ranges from 4 to 100 positions. Family comprehensive offer includes straight and right angle, surface mount and through mount, shrouded and unshrouded headers in different plating variations (gold flash / 0.25µm gold / 0.76µm gold).

- Fine pitch of 1.27mm
- Wide range from 4 to 100 position
- Various plating
- Multiple orientation and mounting
- Shrouded housing



#### TARGET MARKETS



#### FEATURES

- Fine pitch of 1.27mm
- From 4 to 100 position
- Shrouded housing
- 3 plating versions (0.76µm Gold, 0.25µm Gold and Gold Flash)
- Both top and bottom entry product available
- Surface Mount and Through Hole type
- Tape and reel with pick up cap or tube packaging

#### BENEFITS

- Space saving
- Comprehensive range to satisfy all needs
- Higher reliability while working
- Allow for wide applications
- Meet specific needs
- Friendly to customized PCB layout
- Facilitate automated pick and place assembly

## TECHNICAL INFORMATION

### MATERIAL

- Housing: Black Plastic (UL94V-0)
- Terminal: Copper Alloy
- Plating: Gold flash / 0.25µm Gold / 0.76µm Gold

### ELECTRICAL PERFORMANCE

- Current Rating: 1A max. per contact
- Insulation Resistance: 1000MΩ min.
- Rated Voltage: 125VAC max.

### MECHANICAL PERFORMANCE

- Mating and un-mating Force: 2.2N max. and 0.2N min./ contact
- Durability: 100 cycles

### ENVIRONMENTAL

- Operating Temperature Range: -55°C to +125°C
- Mixed Flowing Gas Corrosion: IEC 60512-11-7, Class -IIA

### APPROVALS AND CERTIFICATIONS

- UL
- PCI Express (PCIe®) Gen 3

### SPECIFICATIONS

- Product Specification: GS-12-629

### PACKAGING

- Tape and Reel
- Tube

### TARGET MARKETS/APPLICATIONS



Industrial Robot



Switch

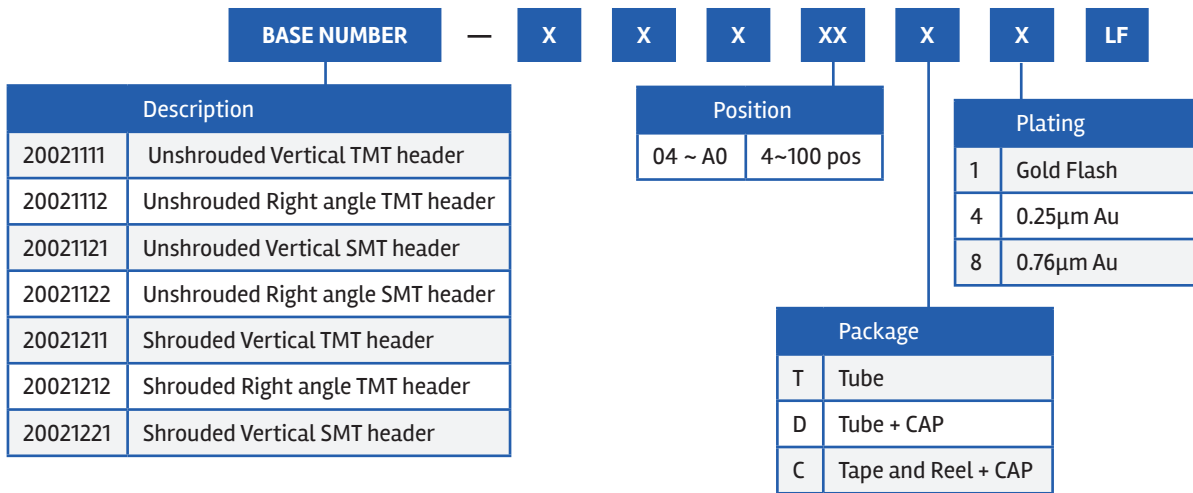


Smart Devices



Server/Storage

## PART NUMBER SELECTOR – HEADER



## PART NUMBER SELECTOR – RECEPTACLE

