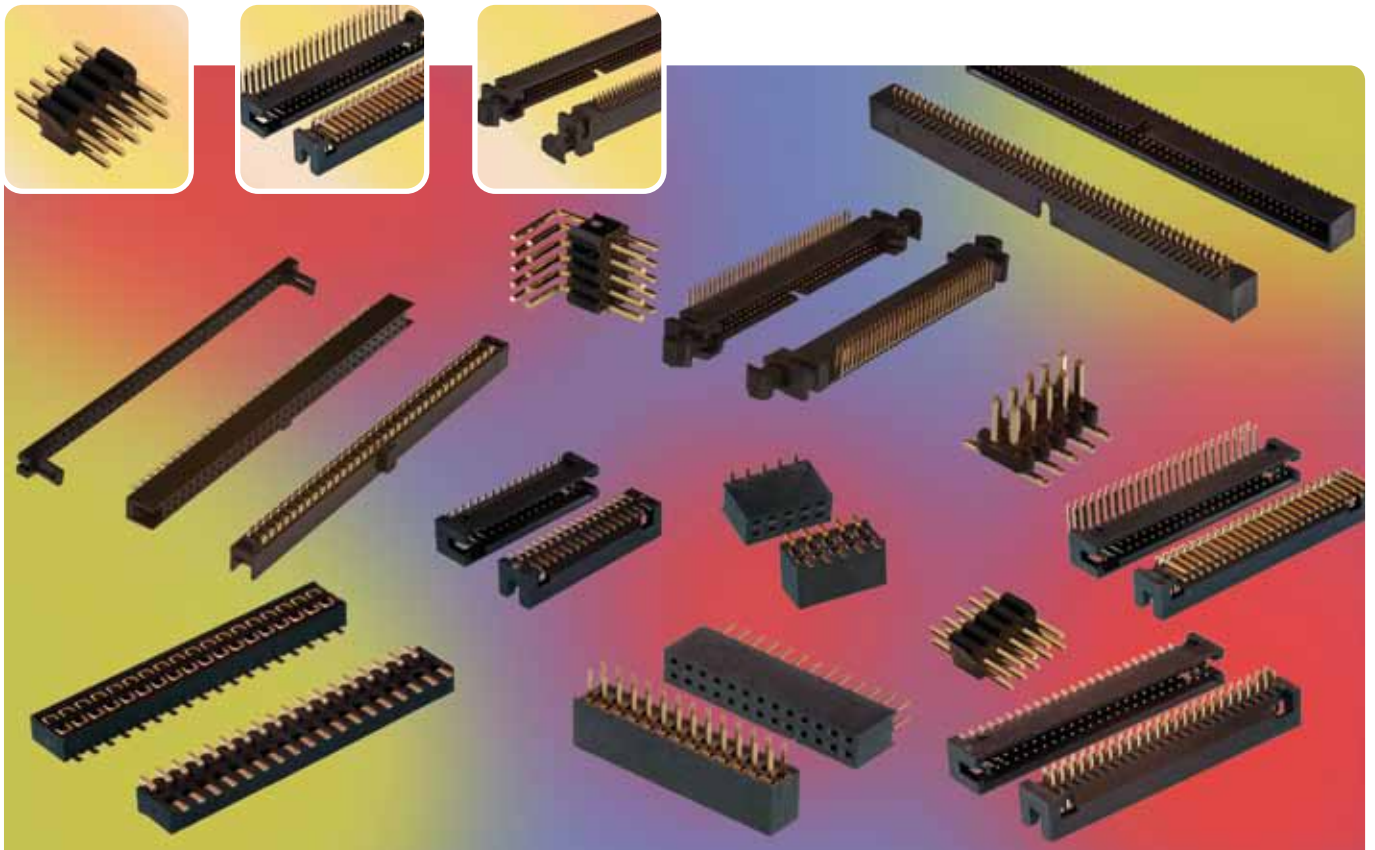




 Product Catalog

MINITEK 127™

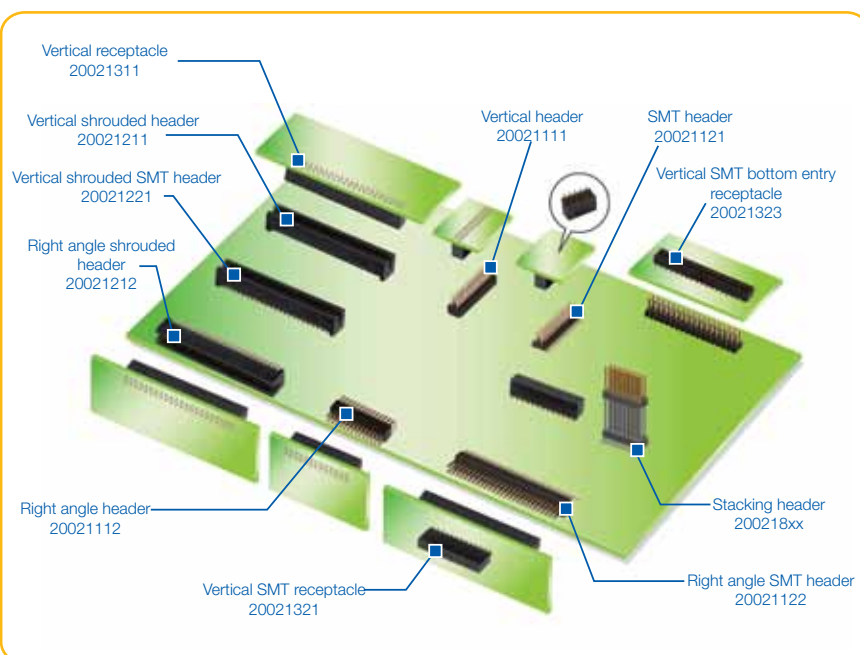
1.27 mm (.050") Modular System

FCI: SETTING THE STANDARD FOR CONNECTORS

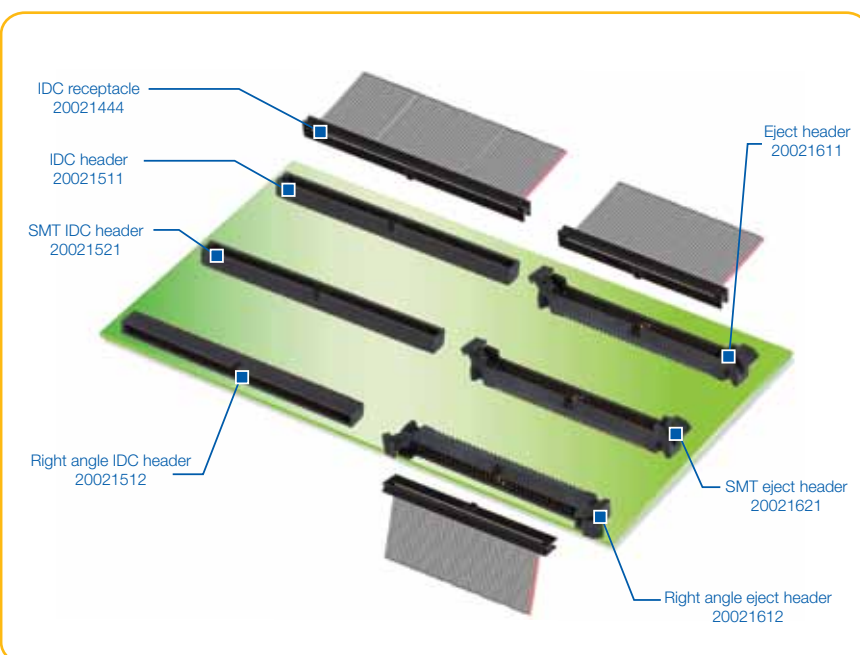
With 13,000 employees in 30 countries and sales of 1.25 billion euros in 2008, FCI is a leading manufacturer of connectors for various markets such as automotive, telecommunication infrastructures and consumer and industrial electronics.

MINITEK 127™

FLAT CABLE IDC



BOARD TO BOARD



HEADERS



Vertical - through hole	4
Right angle - through hole	6
Vertical - SMT	8
Right angle - SMT	10
Stacking - SMT - through hole	12
Vertical - through hole - shrouded	14
Right angle - through hole - shrouded	16
Vertical - SMT - shrouded	18

PCB RECEPTACLES



Vertical - through hole	20
Vertical - SMT	22
Vertical - SMT - bottom entry	24

FLAT CABLE CONNECTORS



IDC Receptacles	26
Header - through hole	28
Header - SMT	30
Right angle header - through hole	32
Eject header - through hole	34
Eject header - right angle	36
Eject header - SMT	38

PART NUMBER INDEX

40

PART NUMBERING SYSTEM

Example

20021221 = shrouded SMT vertical header

2 0 0 2 1 A B C

A = TYPE

- 1 = unshrouded header
- 2 = shrouded header
- 3 = receptacle
- 4 = IDC
- 5 = IDC header
- 6 = IDC eject header
- 7 = CTW
- 8 = stacking header
- 9 = customization

B = ATTACH

- 1 = TH
- 2 = SMT
- 3 = PIP
- 4 = not applicable



= TH (Through Hole)



= SMT (Surface Mount)

C = ORIENTATION

- 1 = vertical
- 2 = right angle
- 3 = vertical alternative
- 4 = other

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ "") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega \text{ min.}$
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021111
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

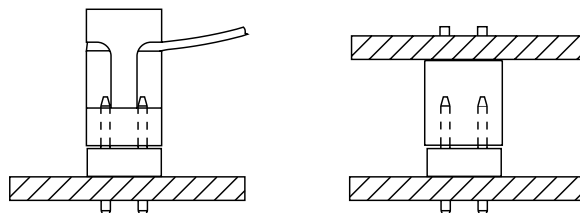
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

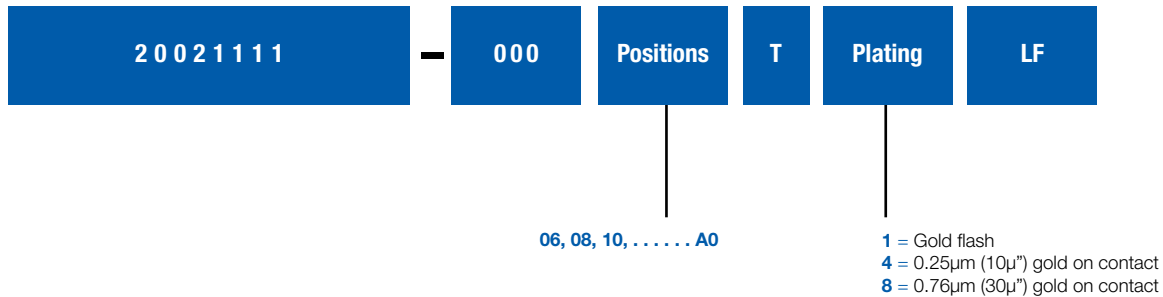
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

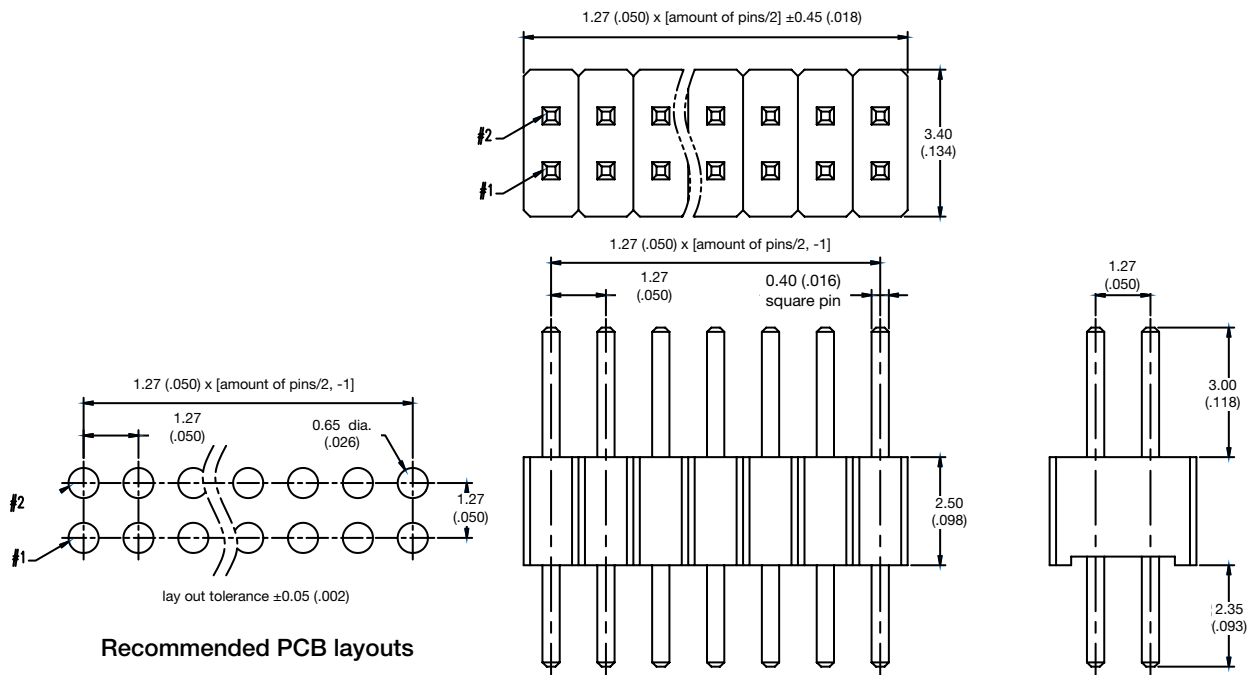


MINITEK 127™ Vertical Through Hole Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ) nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 230 $\text{m}\Omega$ max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021112
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

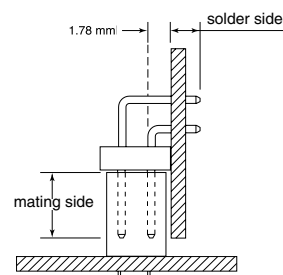
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

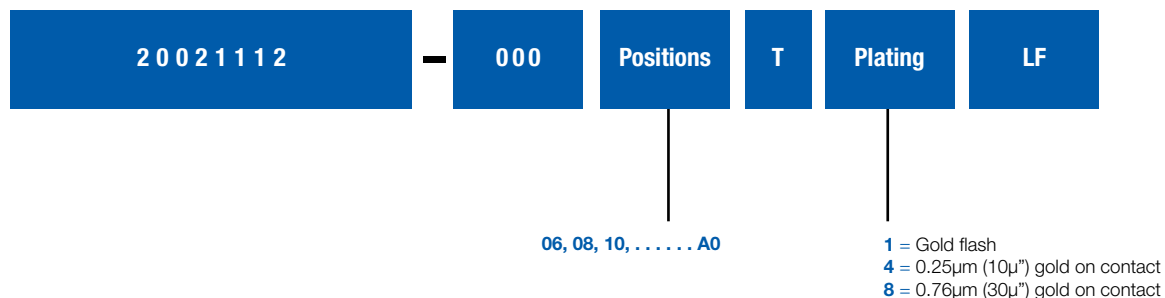
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

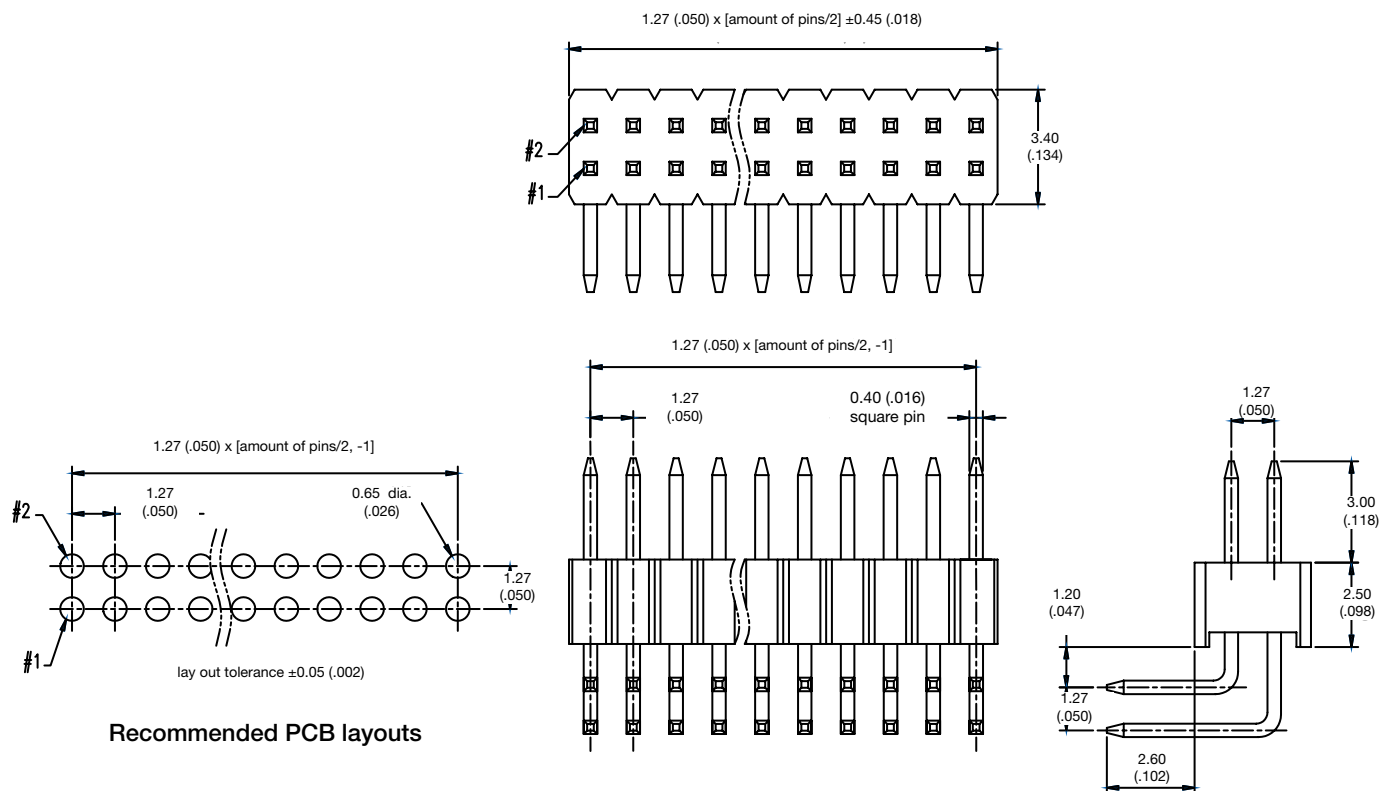


MINITEK 127™ Right Angle Through Hole Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ'') nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tube
- Optional: Tube plus pick-up cap
- Optional: Tape and reel plus pick-up cap
(please check tape availability)

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021121
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

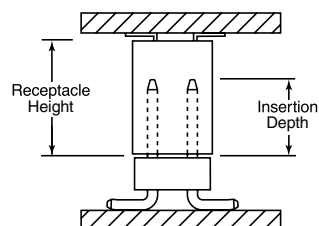
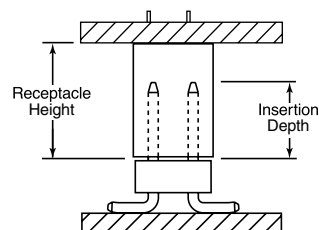
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

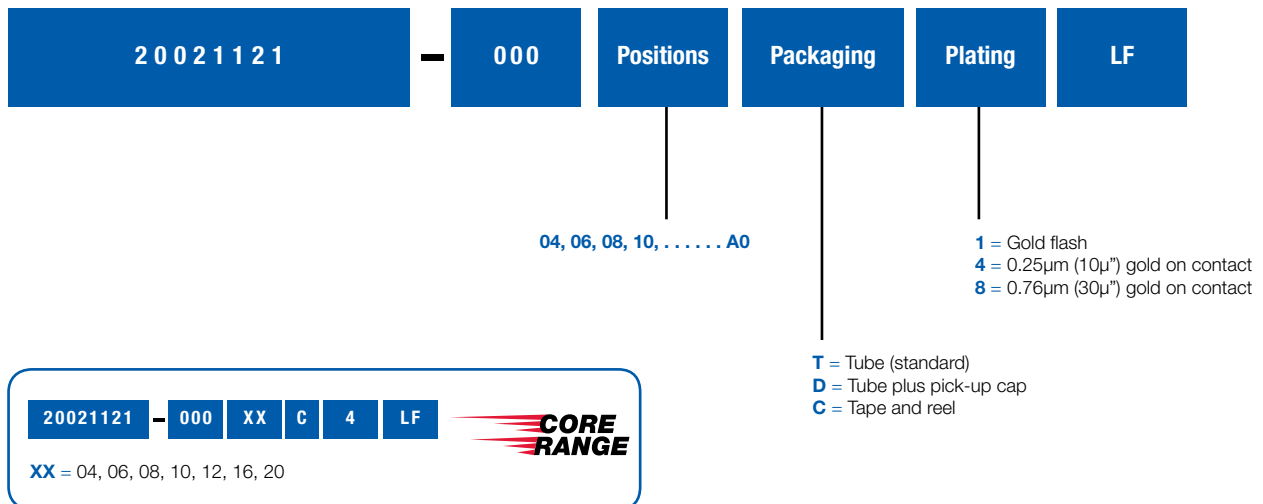
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

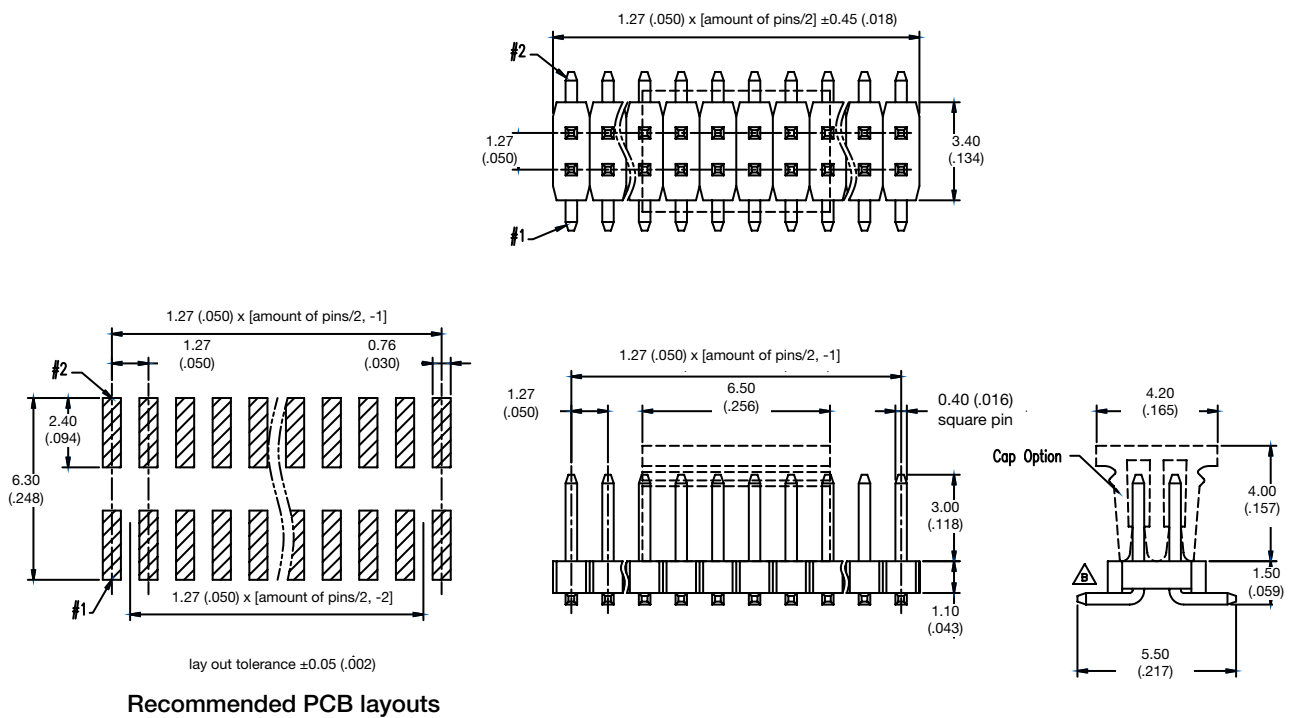


MINITEK 127™ SMT Headers

PART NUMBERS



PRODUCT



TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ "") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tube
- Optional: Tube plus pick-up cap

PROCESSING INFORMATION

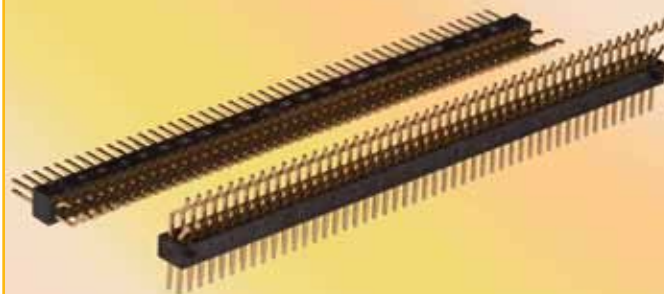
- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021122
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHs INFORMATION

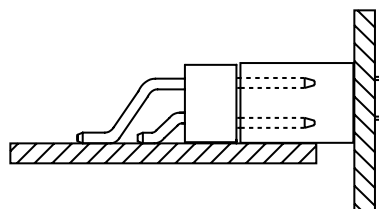
- This product is RoHs compatible according to the European Union Directive 2002/95/IEC



MATING DATA

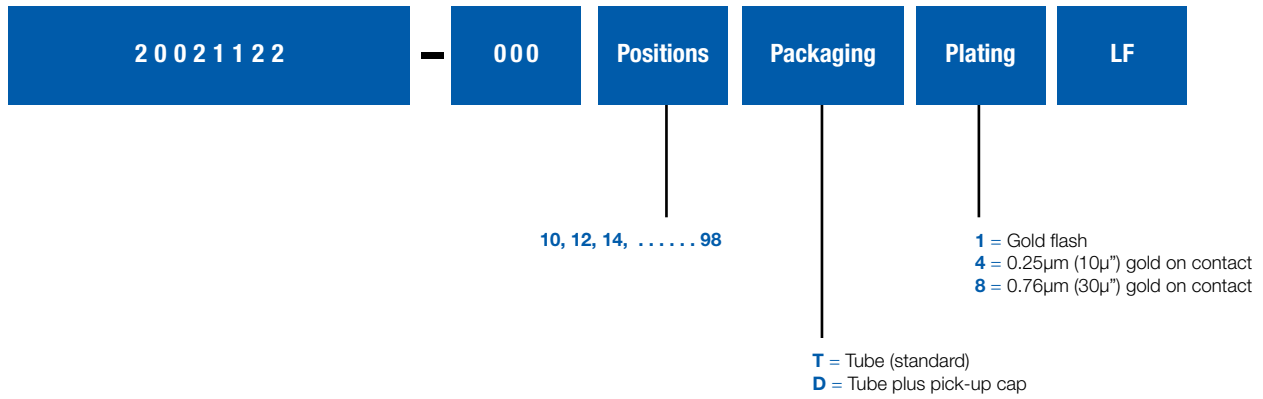
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

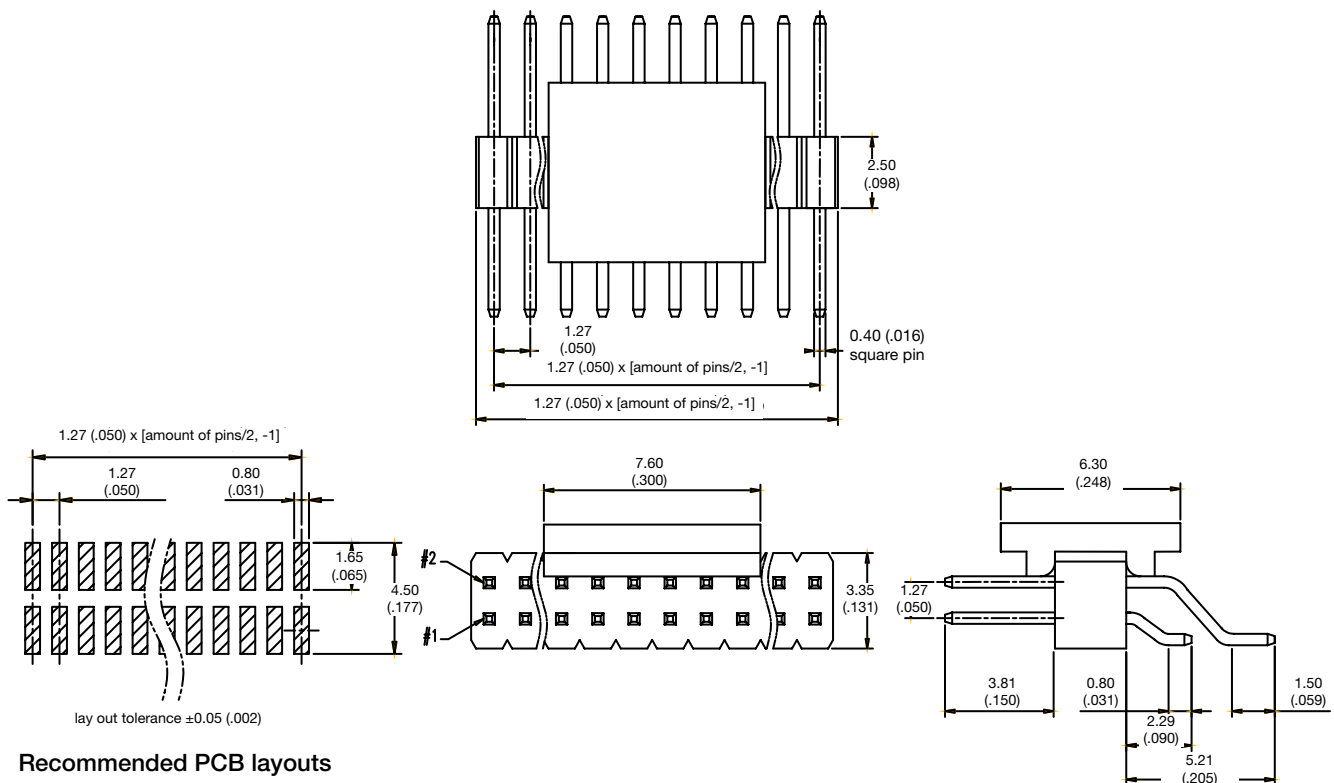


MINITEK 127™ Right Angle SMT Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ'') nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 200218xx
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHs INFORMATION

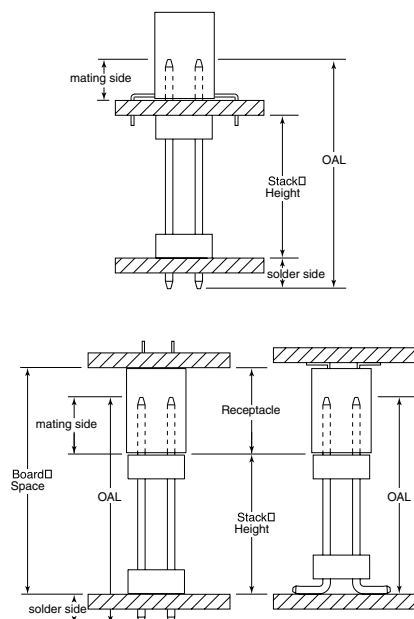
- This product is RoHs compatible according to the European Union Directive 2002/95/IEC



MATING DATA

- Minitek 127™ vertical TH receptacles 22
- Minitek 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS



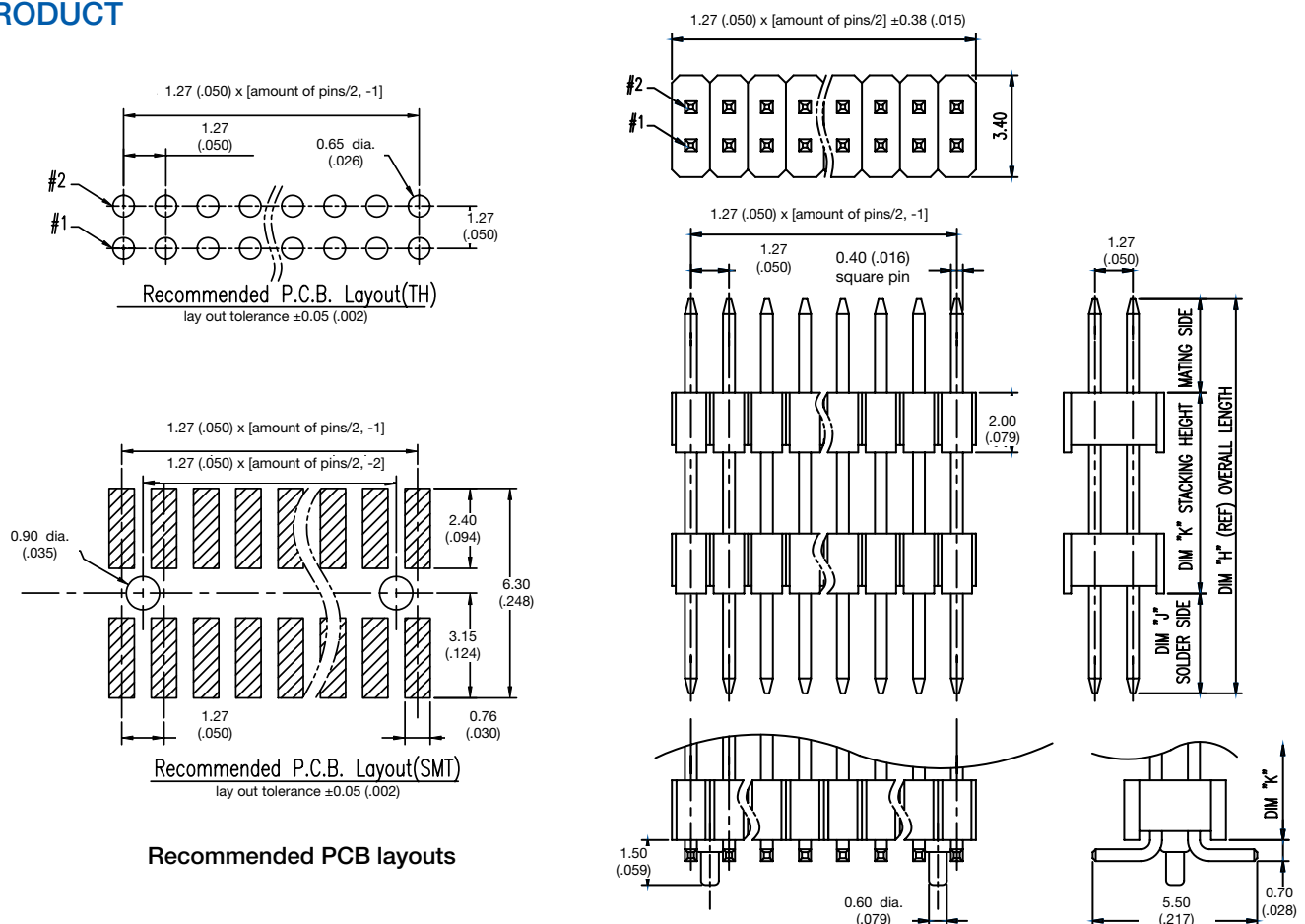
MINITEK 127™ Unshrouded Stacking Headers

PART NUMBERS

2 0 0 2 1 8	Tail	Pin style	Stack height	Positions	T	Plating	LF
		1 = 2.5 mm (.098) 2 = 3.0 mm (.118) 3 = SMT		06, 08, 10, A0		1 = Gold flash 4 = 0.25µm (10µ") gold on contact 8 = 0.76µm (30µ") gold on contact	
			040 = 4.0 mm (.157) 045 = 4.5 mm (.177) 050 = 5.0 mm (.197) ↓ 095 = 9.5 mm (.374) 100 = 10.0 mm (.394)				

Pin Style	Overall length TH mm (inch)	Overall length SMT mm (inch)
0	8 (.315)	6.2 (.244)
1	10 (.394)	8.2 (.323)
2	12 (.472)	10.2 (.402)
3	14 (.551)	12.2 (.480)
4	16 (.623)	14.2 (.559)

PRODUCT



TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ "") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021211
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

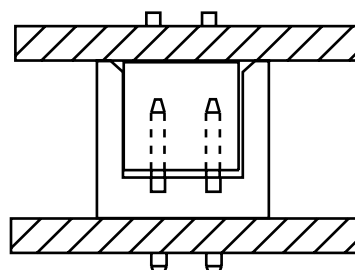
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

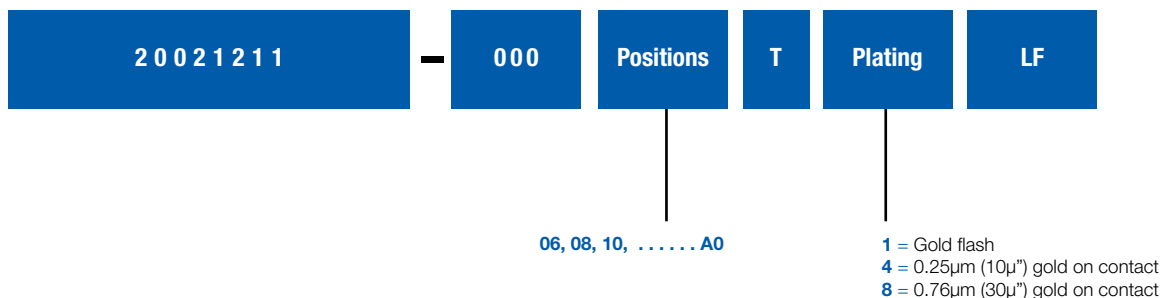
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

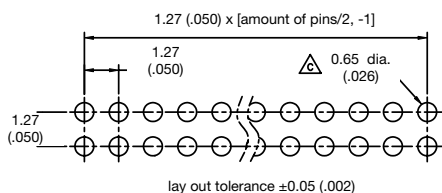
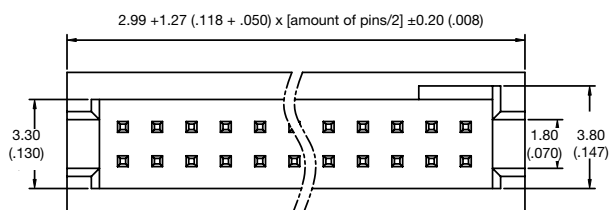


MINITEK 127™ Vertical Through Hole Shrouded Headers

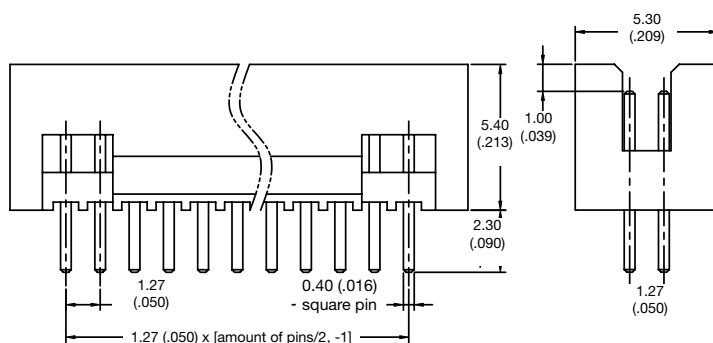
PART NUMBERS



PRODUCT



Recommended PCB layouts



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ'') nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021212
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

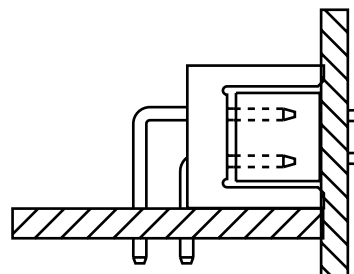
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

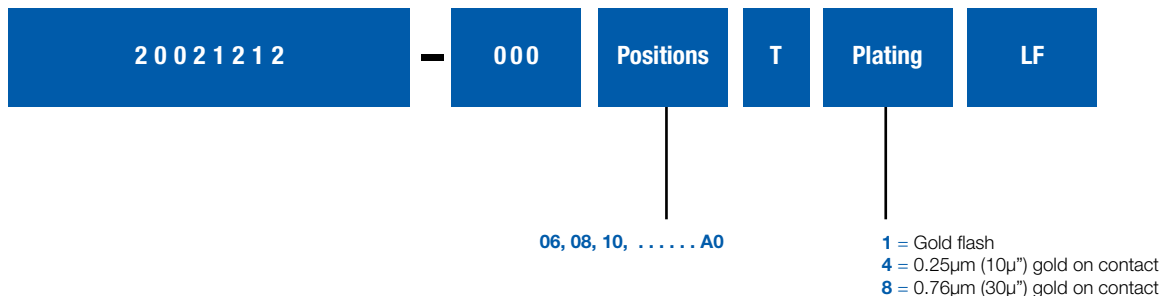
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

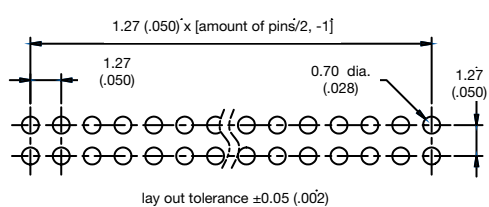
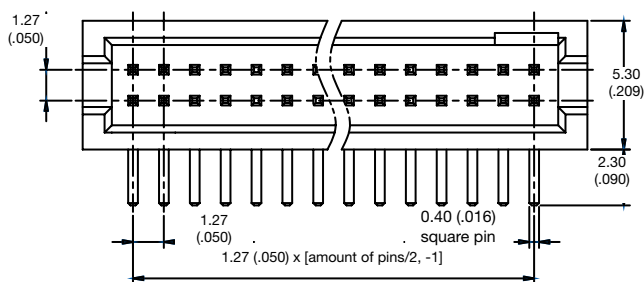


MINITEK 127™ Right Angle Through Hole Shrouded Headers

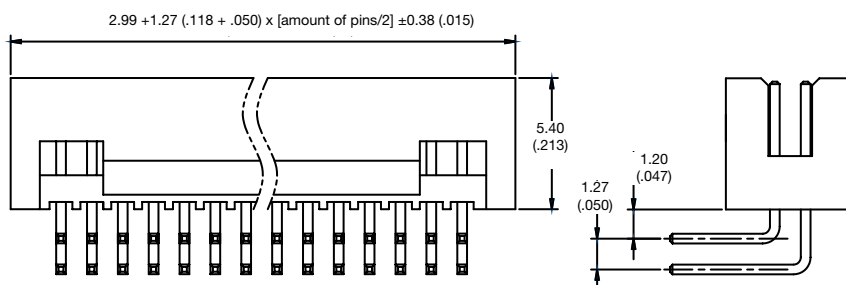
PART NUMBERS



PRODUCT



Recommended PCB layouts



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ'') nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tube
- Optional: Tube plus pick-up cap
- Optional: Tape and reel plus pick-up cap
(please check tape availability)

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021221
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHs INFORMATION

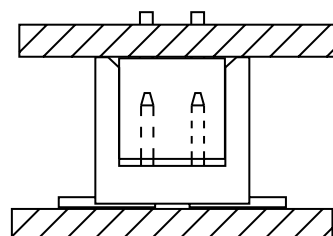
- This product is RoHs compatible according to the European Union Directive 2002/95/IEC



MATING DATA

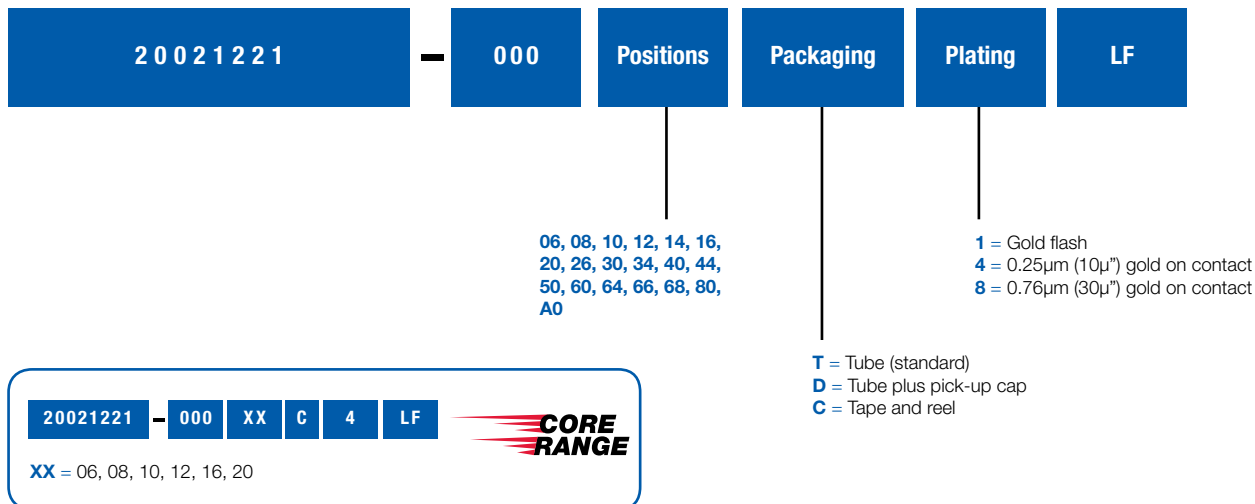
- Minitex 127™ vertical TH receptacles 22
- Minitex 127™ vertical SMT receptacles 22/24

TYPICAL APPLICATIONS

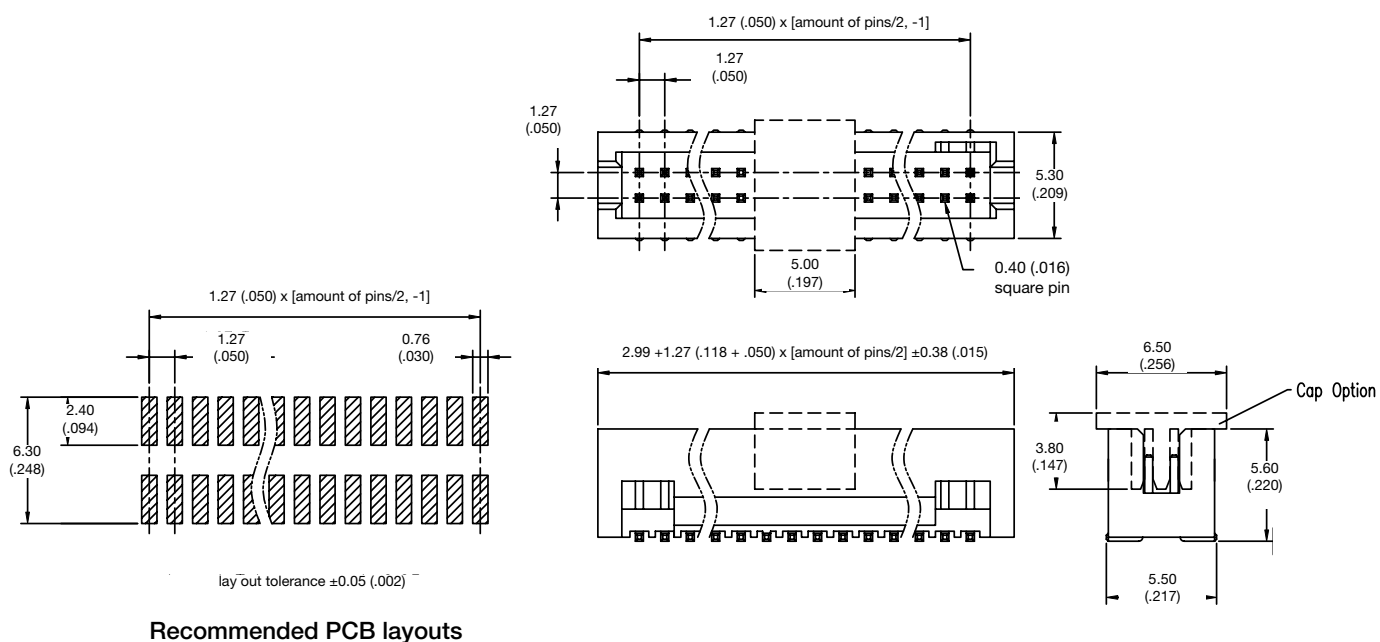


MINITEK 127™ Vertical SMT Shrouded Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.27 μm (50 μin) nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

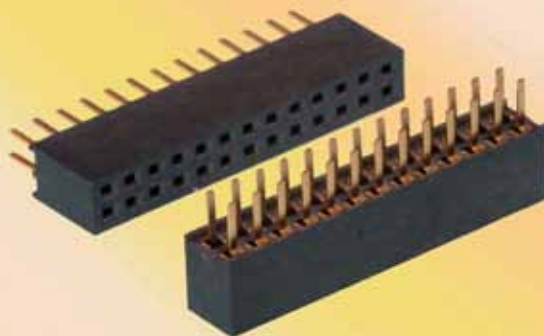
- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021311
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

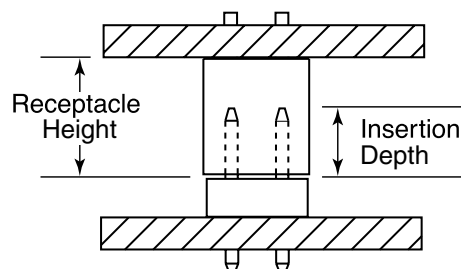
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

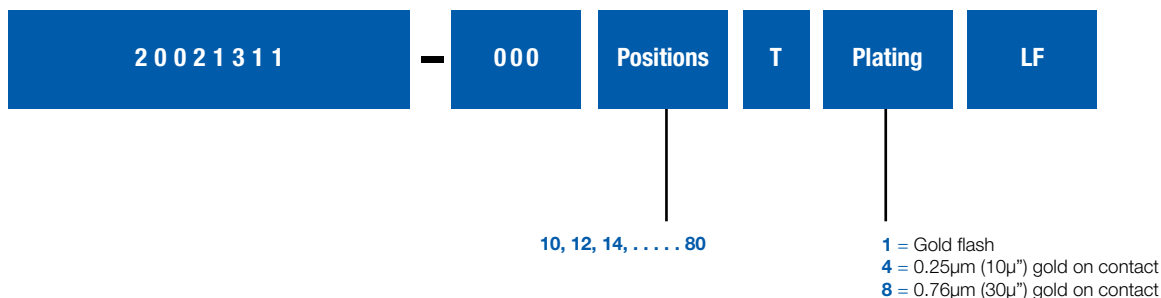
■ Minitek 127™ vertical TH headers	4
■ Minitek 127™ right angle TH headers	6
■ Minitek 127™ vertical SMT headers	8
■ Minitek 127™ right angle SMT headers	10
■ Minitek 127™ stacking TH/SMT headers	12
■ Minitek 127™ vertical TH shrouded headers	14
■ Minitek 127™ right angle TH shrouded headers	16
■ Minitek 127™ vertical SMT shrouded headers	18

TYPICAL APPLICATIONS

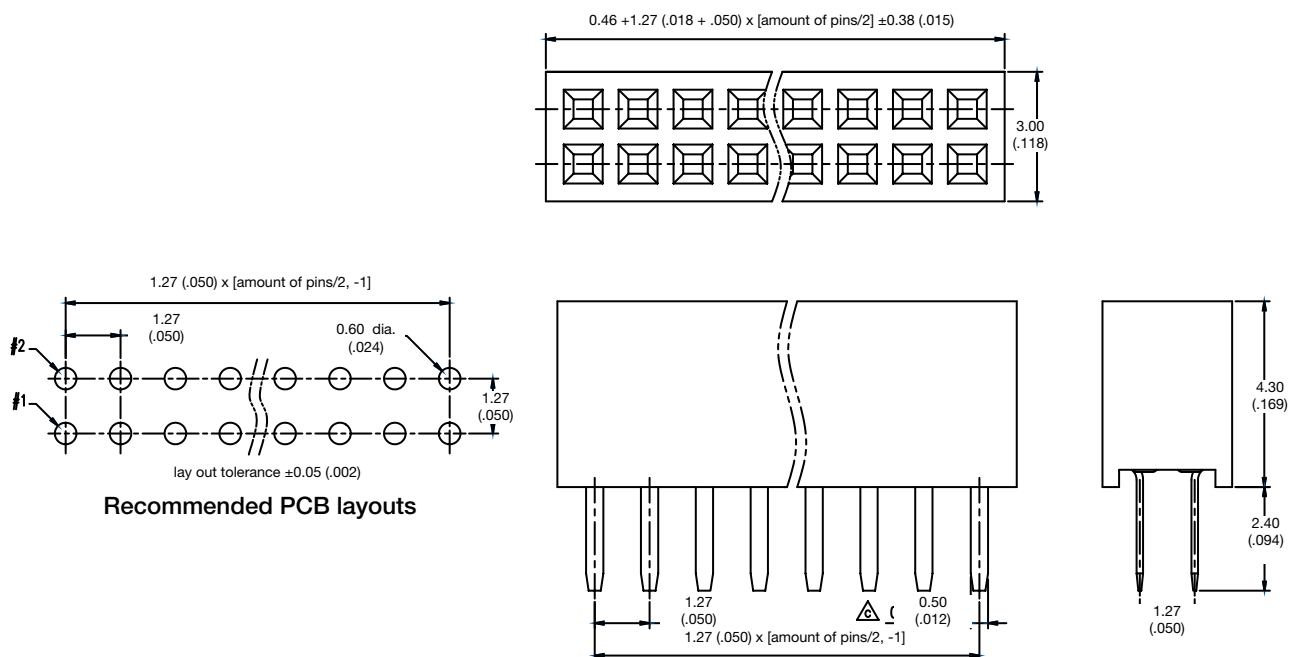


MINITEK 127™ Vertical Through Hole Receptacles

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.27 μm (50 μin) nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tube
- Optional: Tube plus pick-up cap
- Optional: Tape and reel plus pick-up cap
(please check tape availability)

PROCESSING INFORMATION

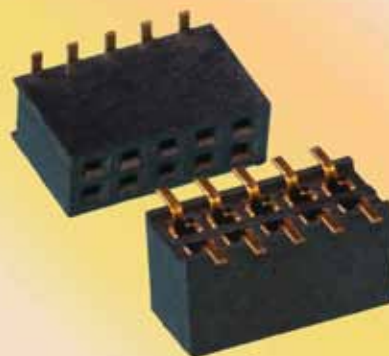
- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021321
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHs INFORMATION

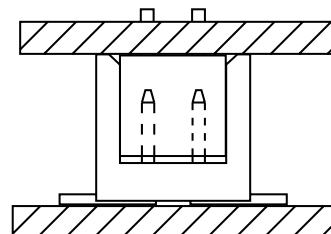
- This product is RoHs compatible according to the European Union Directive 2002/95/IEC



MATING DATA

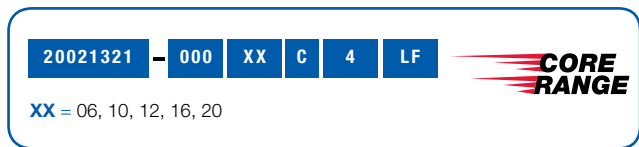
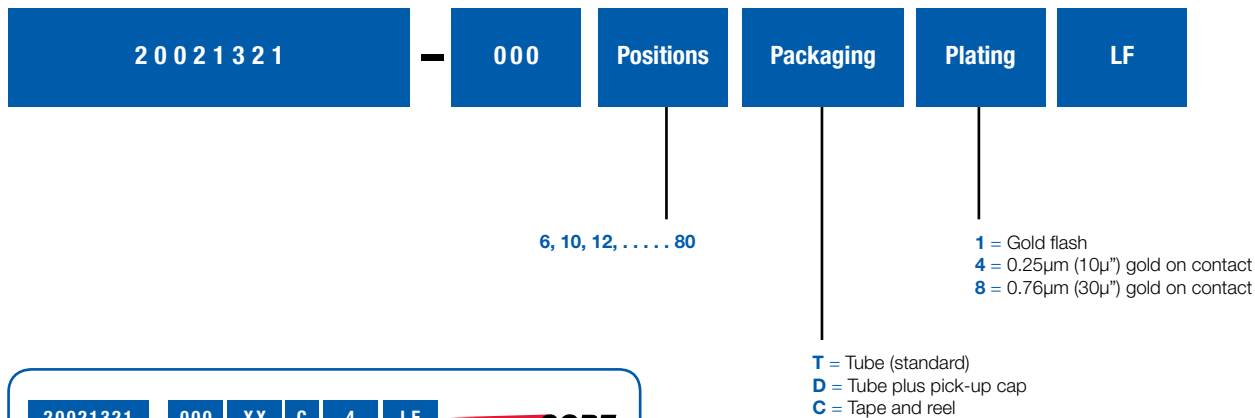
■ Minitex 127™ vertical TH headers	4
■ Minitex 127™ right angle TH headers	6
■ Minitex 127™ vertical SMT headers	8
■ Minitex 127™ right angle SMT headers	10
■ Minitex 127™ stacking TH/SMT headers	12
■ Minitex 127™ vertical TH shrouded headers	14
■ Minitex 127™ right angle TH shrouded headers	16
■ Minitex 127™ vertical SMT shrouded headers	18

TYPICAL APPLICATIONS

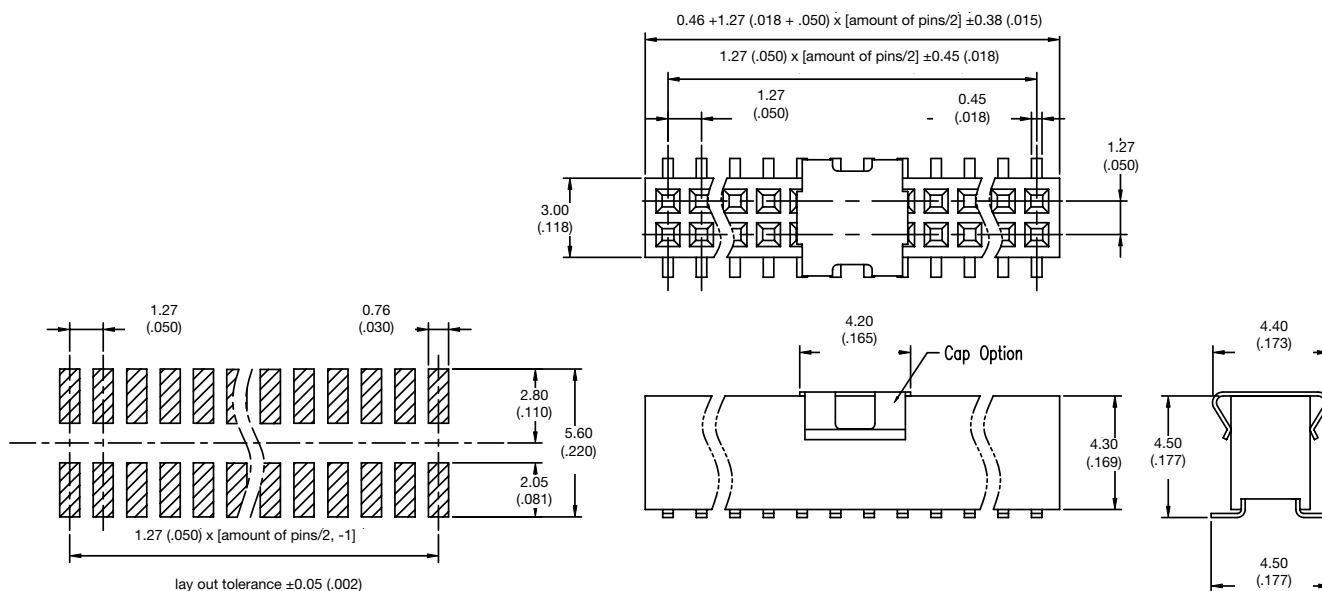


MINITEK 127™ Vertical SMT Receptacles

PART NUMBERS



PRODUCT



Recommended PCB layouts

Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.27 μm (50 μin) nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tube
- Optional: Tube plus pick-up cap
- Optional: Tape and reel plus pick-up cap
(please check tape availability)

PROCESSING INFORMATION

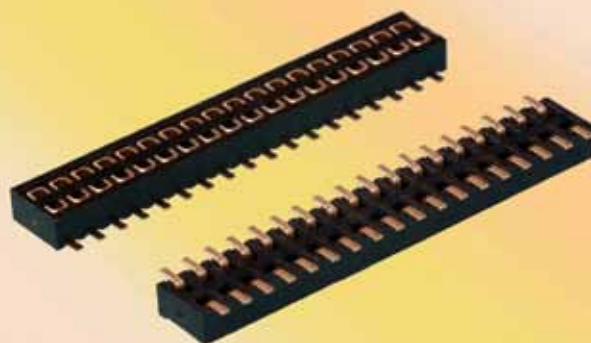
- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021323
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

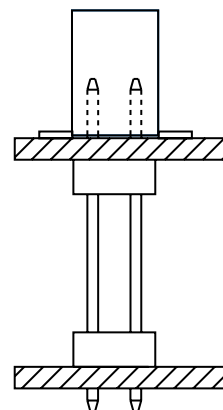
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

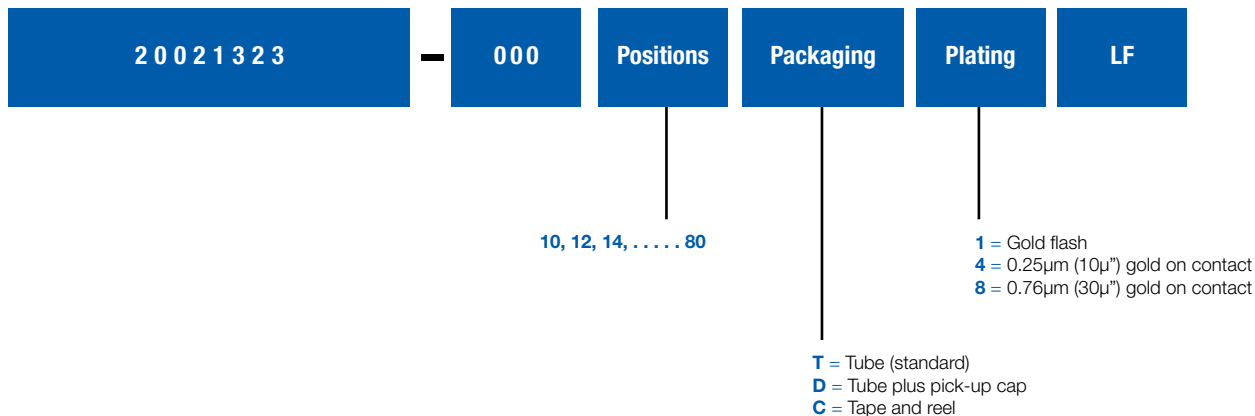
■ Minitex 127™ vertical TH headers	4/6
■ Minitex 127™ vertical SMT headers	8/10
■ Minitex 127™ stacking TH/SMT headers	12

TYPICAL APPLICATIONS

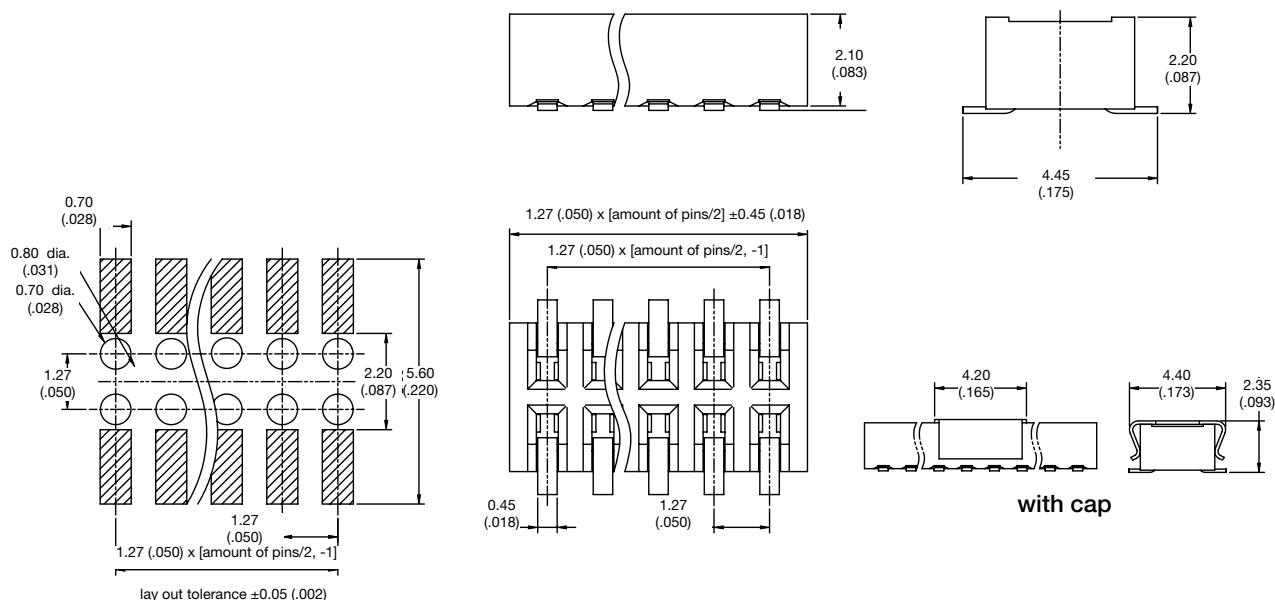


MINITEK 127™ Vertical SMT Bottom Entry Receptacles

PART NUMBERS



PRODUCT



Recommended PCB layouts

Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ "") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021444
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

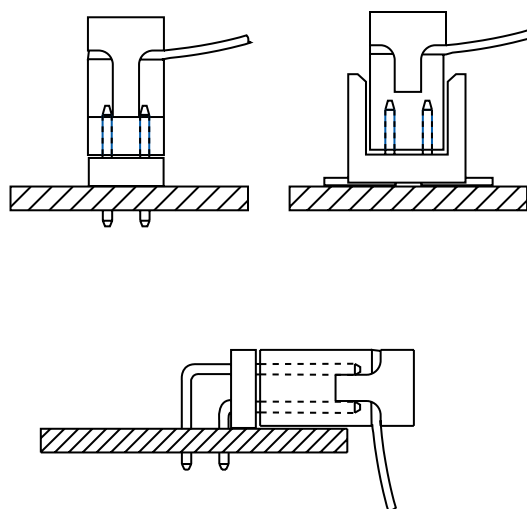
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

■ Minitek 127™ IDC TH headers	28
■ Minitek 127™ IDC SMT headers	30
■ Minitek 127™ IDC right angle TH headers	32
■ Minitek 127™ TH eject headers	34
■ Minitek 127™ right angle eject headers	36
■ Minitek 127™ SMT eject headers	38

TYPICAL APPLICATIONS



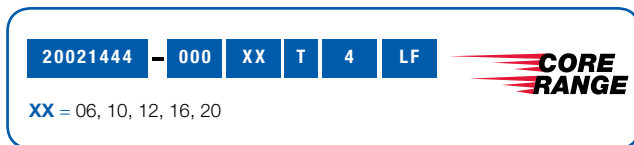
MINITEK 127™ IDC Receptacles

PART NUMBERS

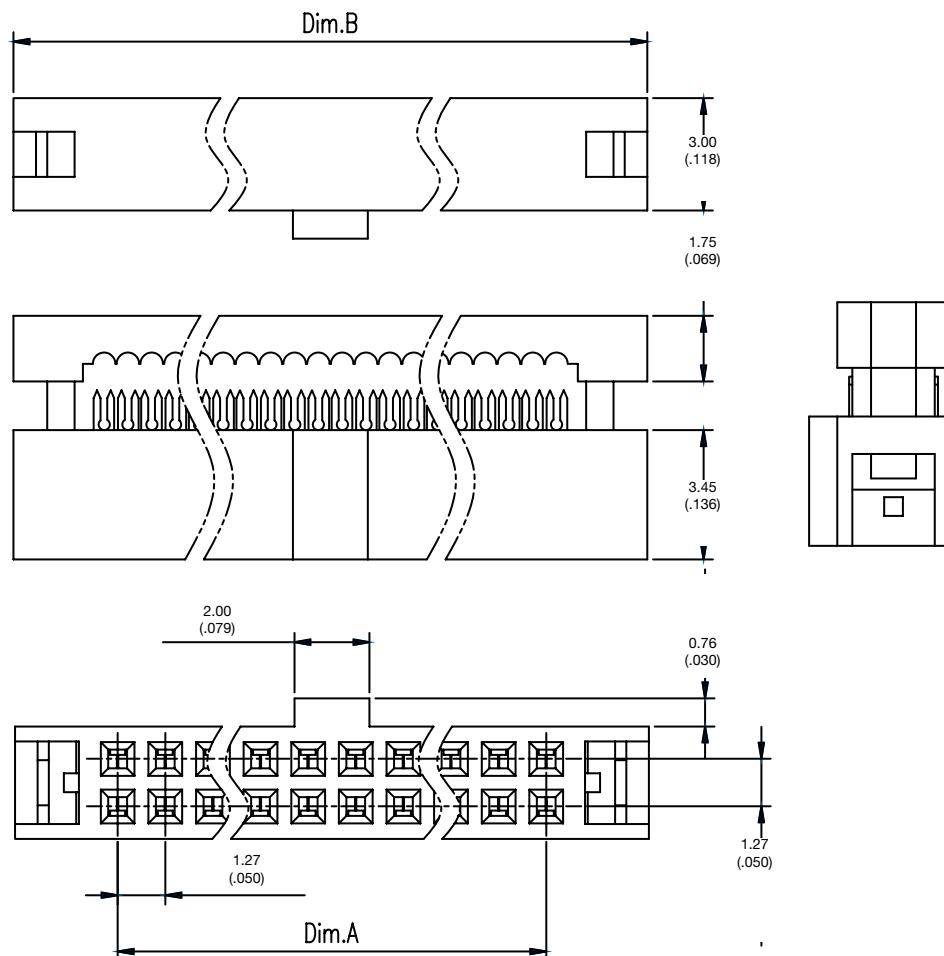


06, 08, 10, 12, 14, 16,
20, 24, 26, 30, 34, 40,
44, 50, 60, 64, 66, 68,
A0

1 = Gold flash
4 = 0.25µm (10µ") gold on contact
8 = 0.76µm (30µ") gold on contact



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ "") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021511
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

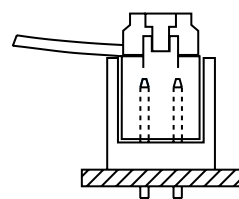
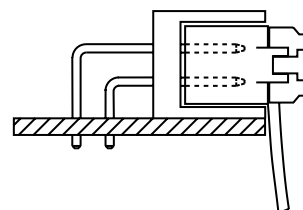


MATING DATA

- Minitex 127™ IDC receptacle

26

TYPICAL APPLICATIONS



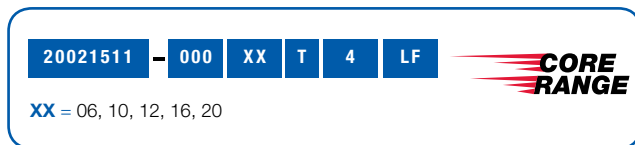
MINITEK 127™ Vertical Through Hole IDC Headers

PART NUMBERS

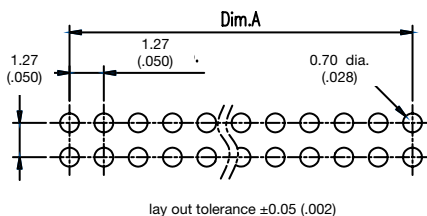
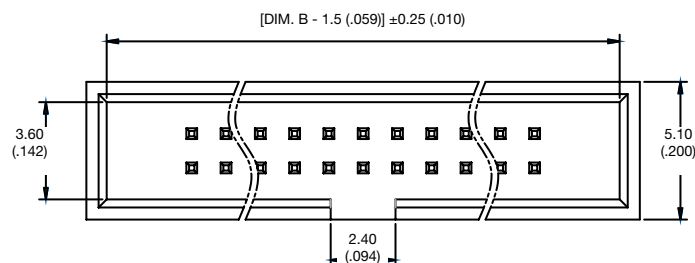


06, 10, 12, 14, 16, 20,
26, 30, 34, 40, 44, 50,
60, 64, 66, 68, 80, A0

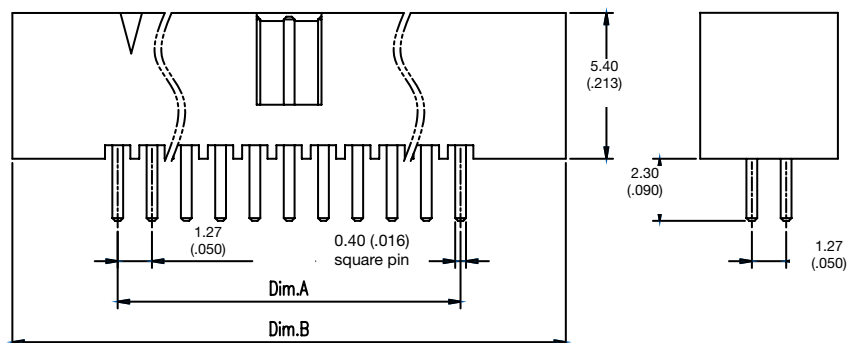
1 = Gold flash
4 = 0.25µm (10µ") gold on contact
8 = 0.76µm (30µ") gold on contact



PRODUCT



Recommended PCB layouts



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ) nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

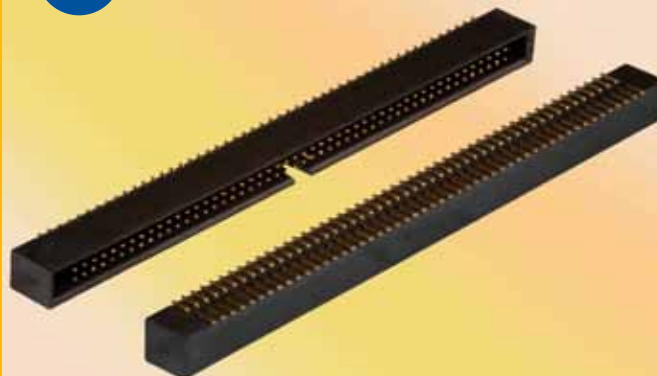
- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021521
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

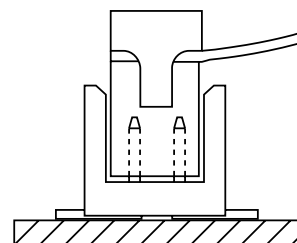
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

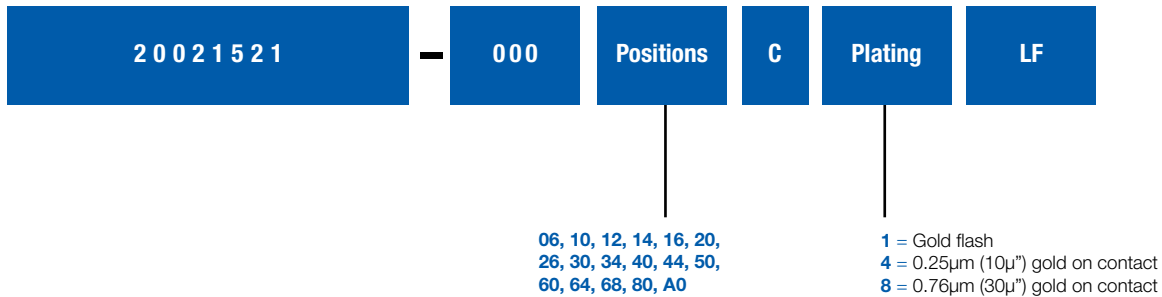
- Minitex 127™ IDC receptacle 26

TYPICAL APPLICATIONS

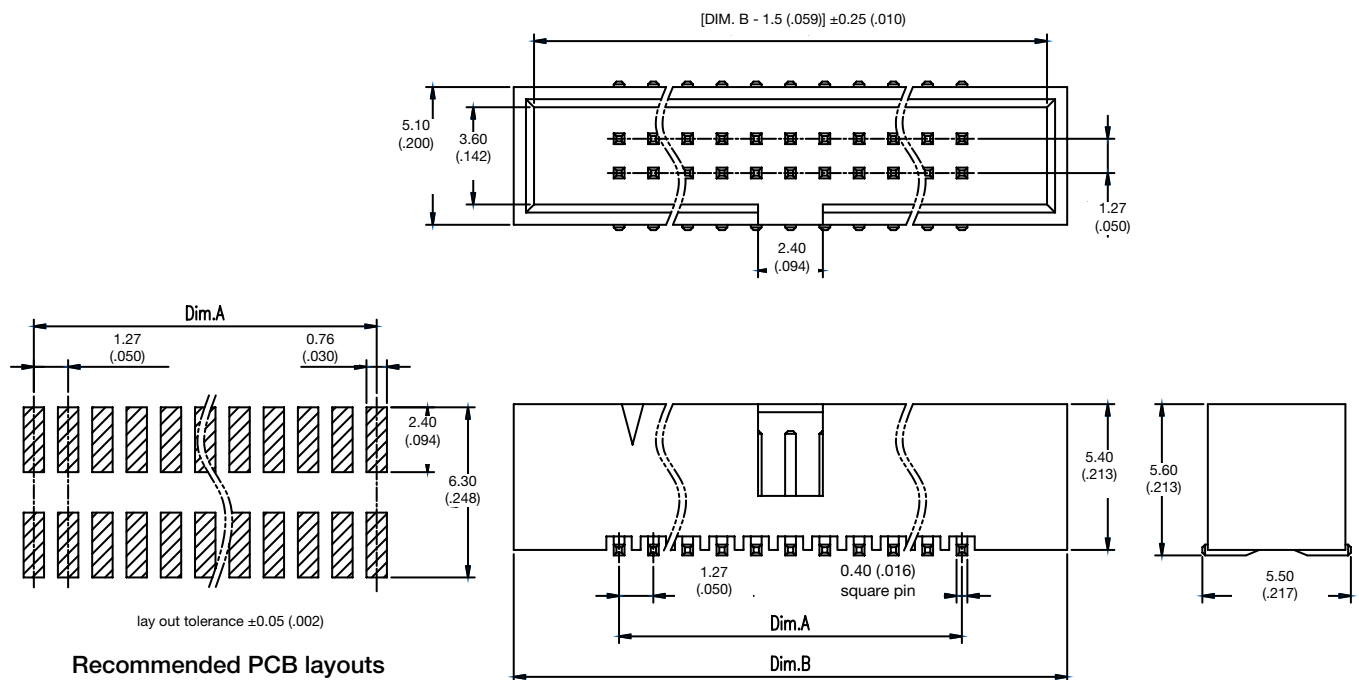


MINITEK 127™ Vertical SMT IDC Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 µm (40µ") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 mΩ max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

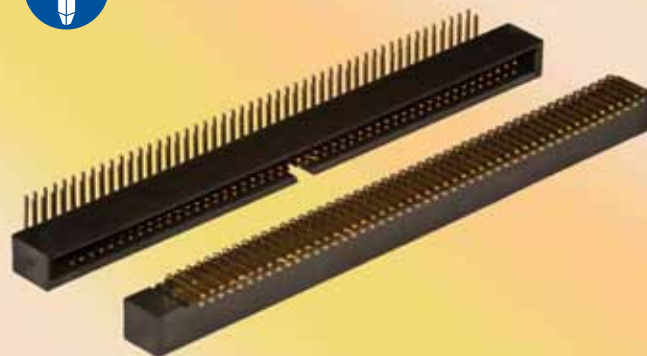
- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021512
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

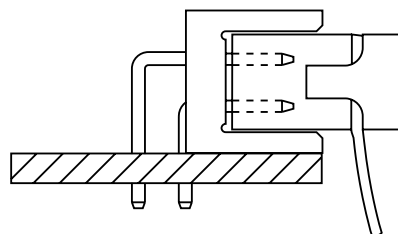


MATING DATA

- Minitex 127™ IDC receptacle

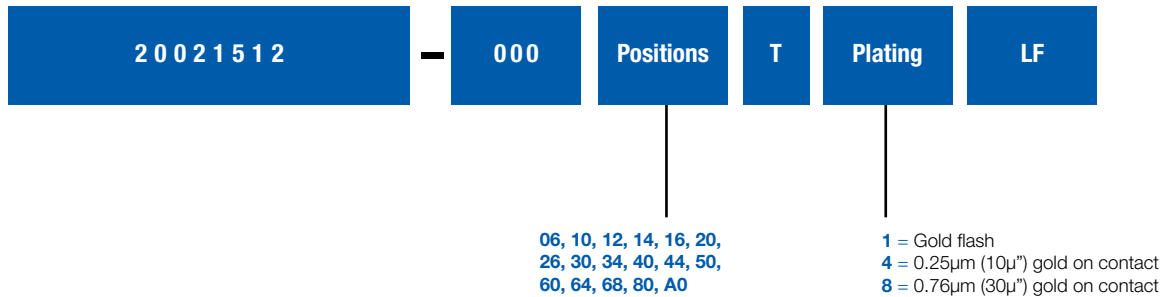
26

TYPICAL APPLICATIONS

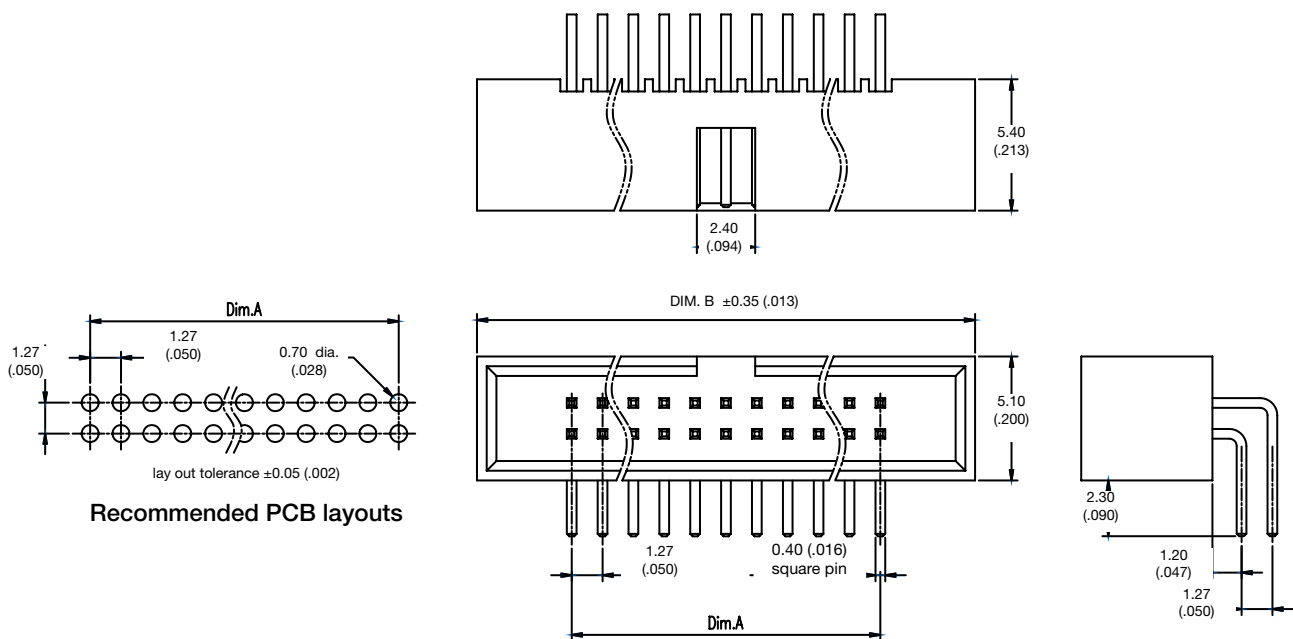


MINITEK 127™ Right Angle Through Hole IDC Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 μm (40 μ'') nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 m Ω max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021611
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

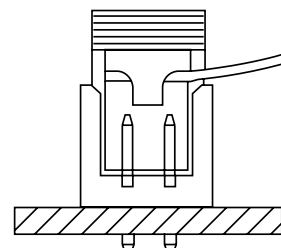
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

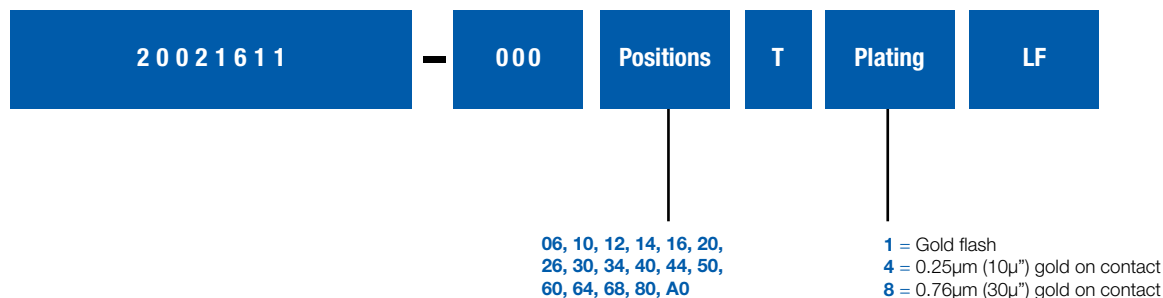
- Minitex 127™ IDC receptacle 26

TYPICAL APPLICATIONS

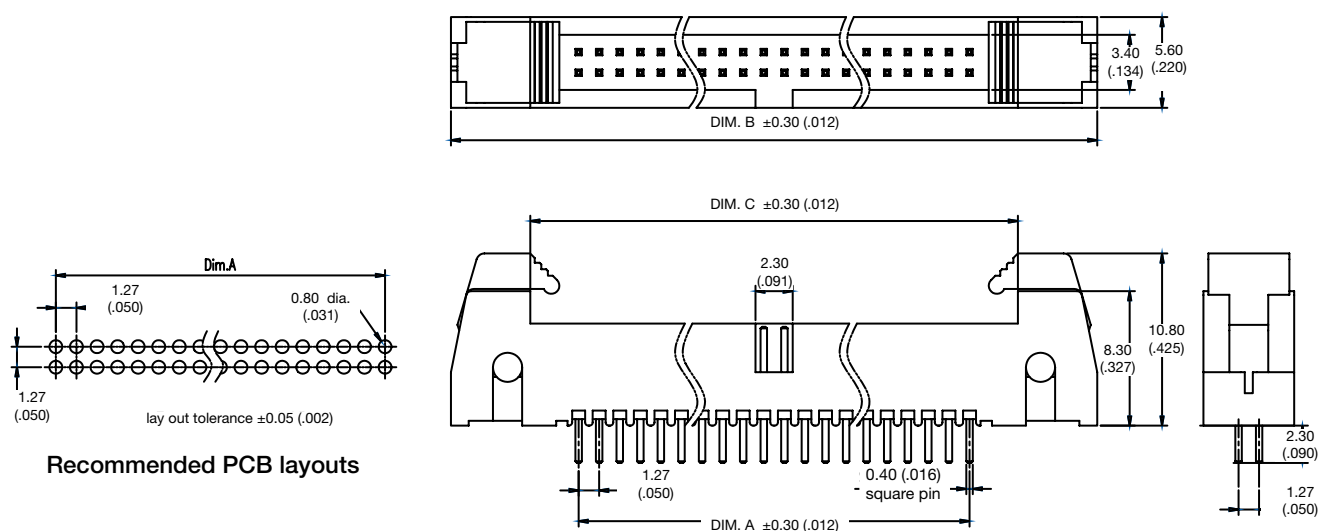


MINITEK 127™ Vertical Through Hole Eject Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 µm (40µ") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 mΩ max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tubes

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021612
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

- This product is RoHS compatible according to the European Union Directive 2002/95/IEC

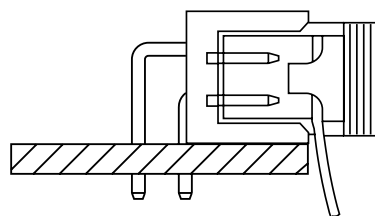


MATING DATA

- Minitex 127™ IDC receptacle

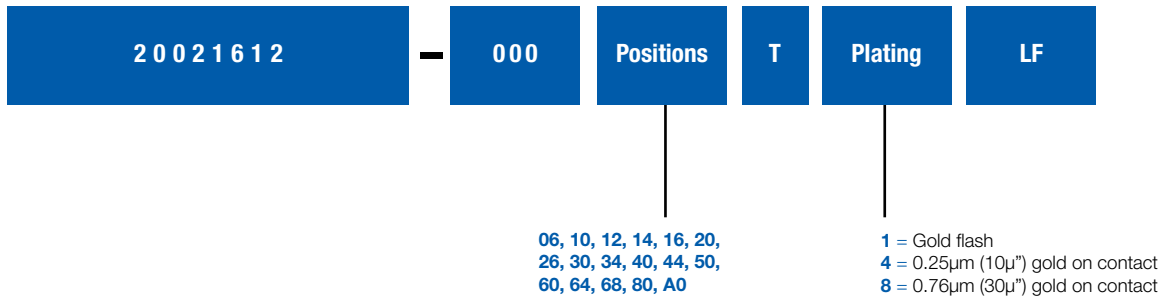
26

TYPICAL APPLICATIONS

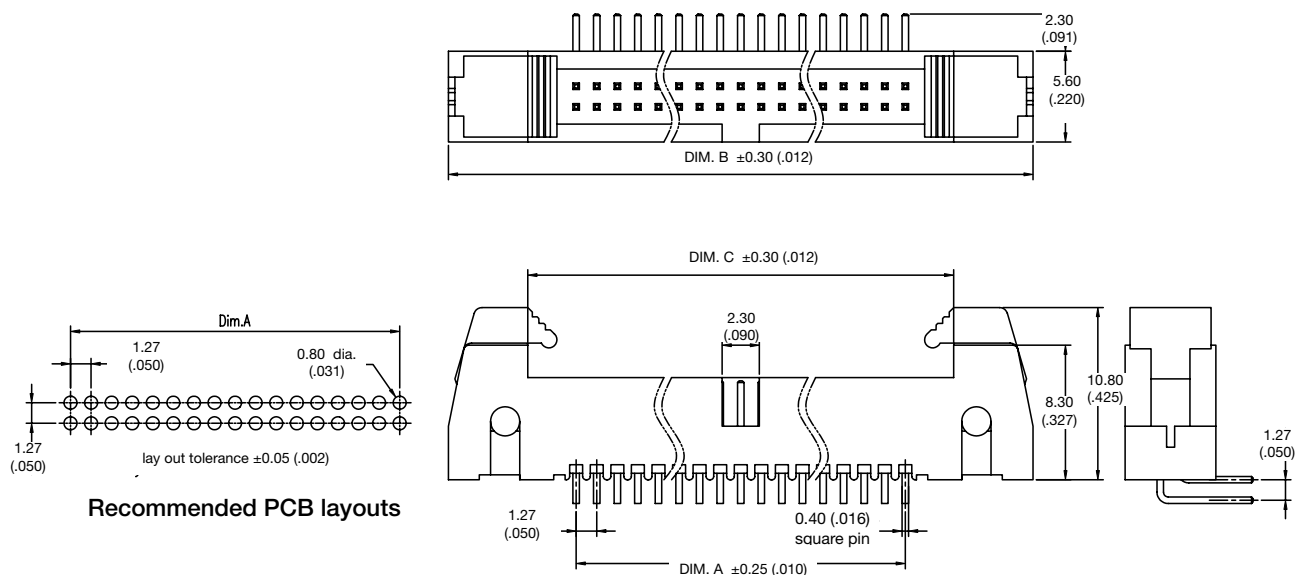


MINITEK 127™ Right Angle Through Hole Eject Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

TECHNICAL DATA

PHYSICAL

- Housing: High-temperature, black thermoplastic
- Flammability rating: UL 94 V-0
- Pin: Copper Alloy
- Plating: Gold over 1.0 µm (40µ") nickel

ELECTRICAL PERFORMANCE

- Current rating: 1 A continuous
- Insulation resistance: $1 \times 10^2 \text{ M}\Omega$ min.
- Contact resistance: 30 mΩ max.
- Dielectric withstanding voltage: 500 V
- Voltage rating: 125 V.

MECHANICAL PERFORMANCE

- Mating cycles (durability): 100.

OPERATING TEMPERATURE RANGE

- -40°C to +85°C

PACKAGING

- Standard: Tape and reel plus pick-up cap

PROCESSING INFORMATION

- The product will withstand exposure to 260°C peak temperature for 10 seconds in a wave solder application with a PCB

REFERENCE INFORMATION

- Product drawing: 20021621
- Product specification: GS-12-629
- Packaging specification: GS-14-1420

RoHS INFORMATION

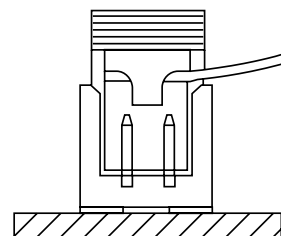
- This product is RoHS compatible according to the European Union Directive 2002/95/IEC



MATING DATA

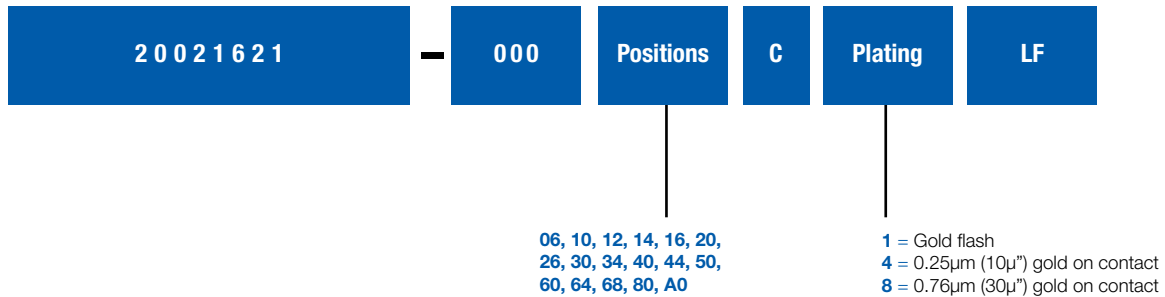
- Minitex 127™ IDC receptacle 26

TYPICAL APPLICATIONS

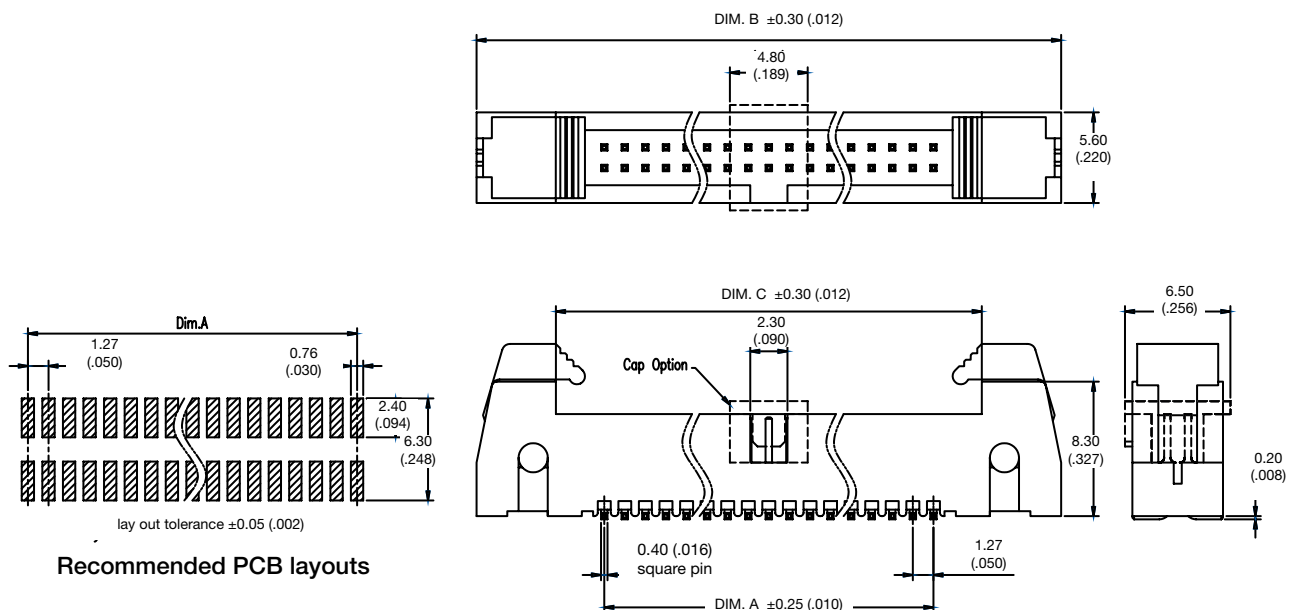


MINITEK 127™ Vertical SMT Eject Headers

PART NUMBERS



PRODUCT



Dimension : mm (inch)

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20021323	24 - 25
20021444	26 - 27
20021511	28 - 29
20021512	32 - 33
20021521	30 - 31
20021611	34 - 35
20021612	36 - 37
20021621	38 - 39
200218xx	12 - 13

This image shows a single page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



A large rectangular area with a blue border, containing 25 horizontal green lines for writing notes.

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has rounded corners on the left side and a thin blue border around the edges.



A large rectangular area with a blue border, containing 25 horizontal green lines for writing notes.

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