



Minitek127[®]

Product Presentation

Basics Portfolio



Agenda



1. Value Proposition
2. Product Overview
3. Product Specifications
4. Features & Benefits
5. Part Numbers
6. Stacking Height Matrix
7. Markets & Applications
8. Marcom Collaterals

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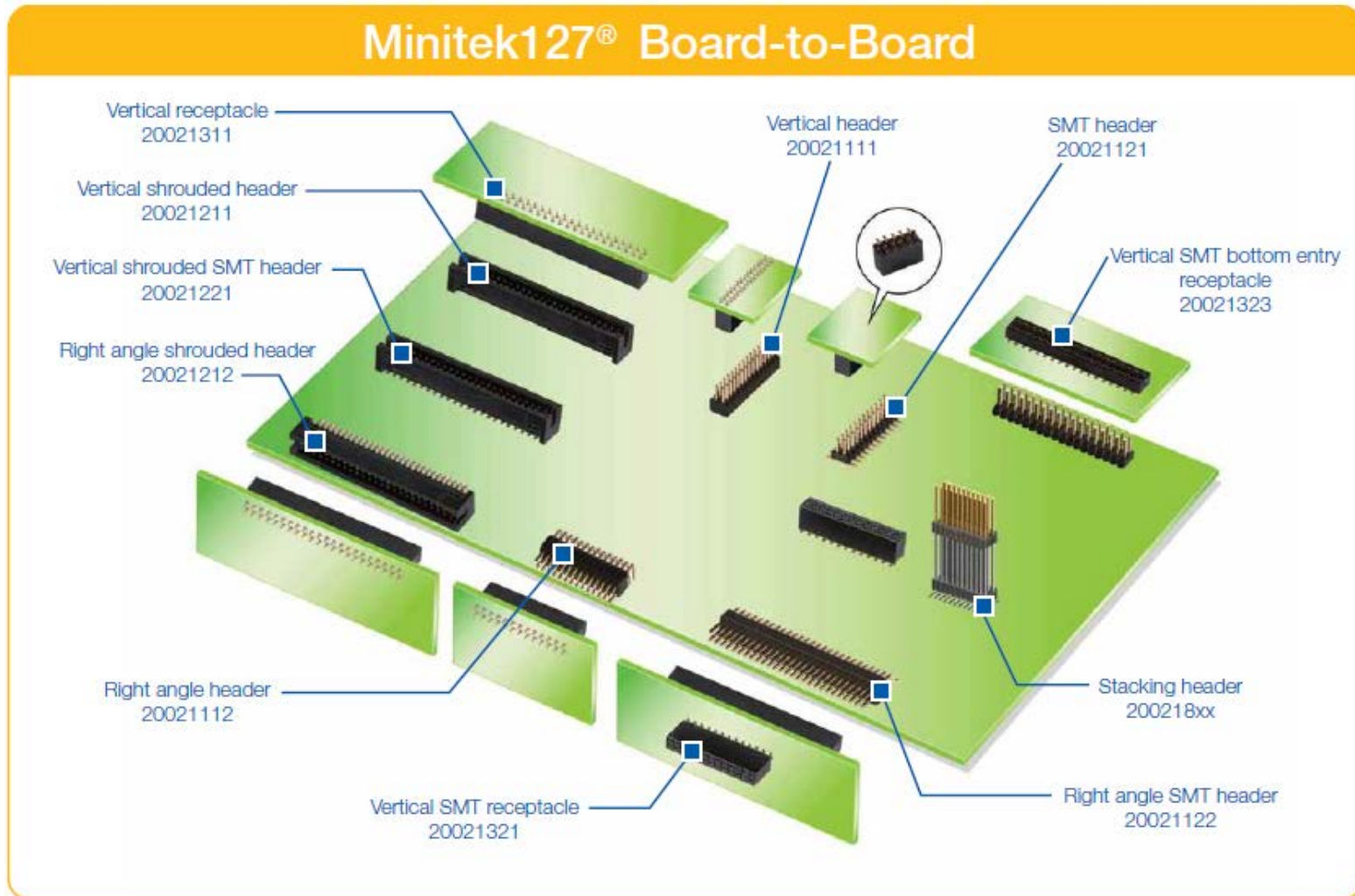


Value Proposition

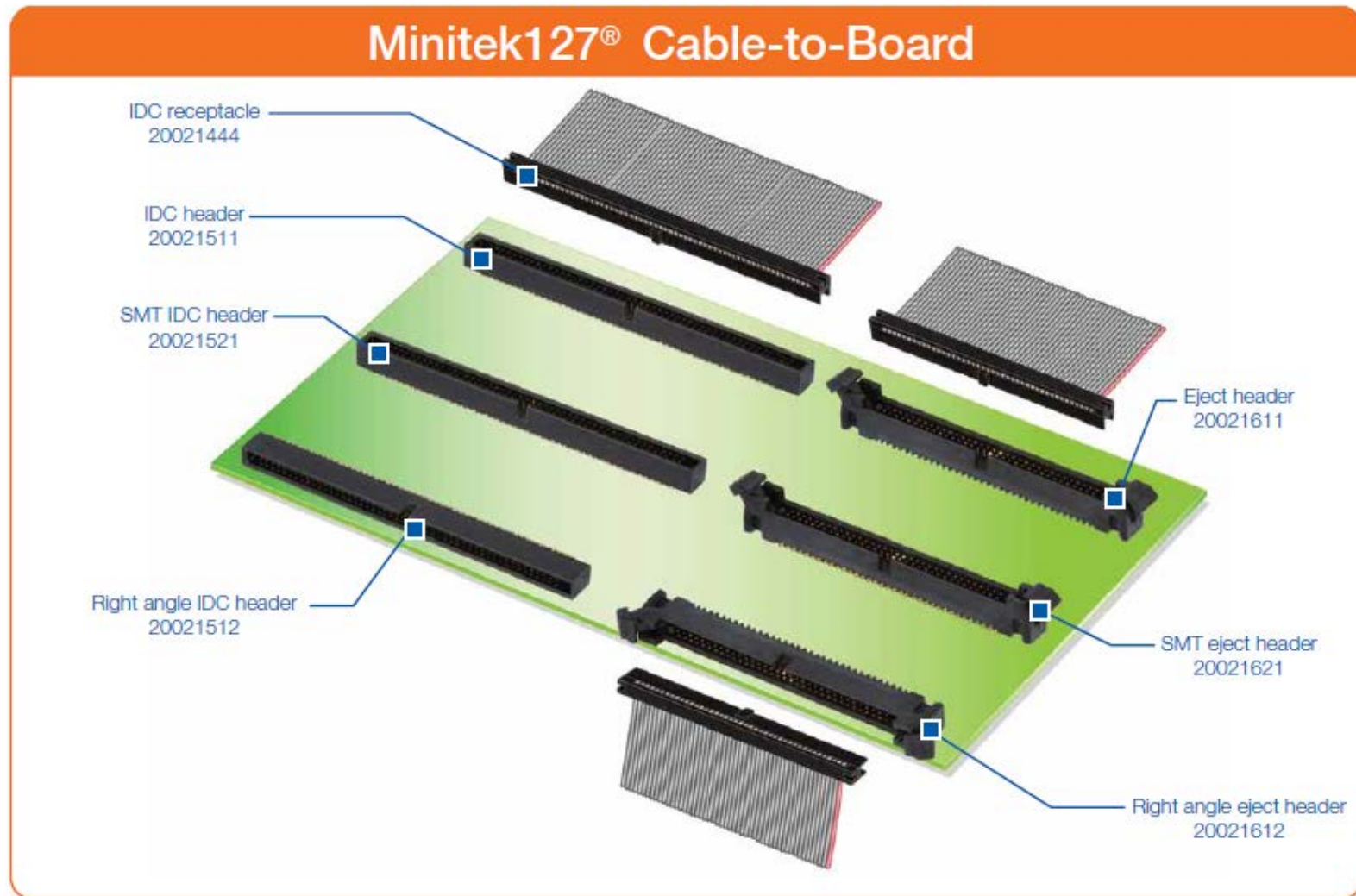
Minitek127® is an **extensive modular solution** able to cover all customer needs and **saving time and qualification cost**.

The Minitek127® **comprehensive** offer includes straight and right angle, surface mount and through mount, pin headers and board receptacles in different plating variations and position numbers up to 100, including an IDC version.

Solution Overview – Board to Board



Solution Overview – Cable to Board



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Product Specifications

Product Facts

- Board-to-Board and IDC Cable-to-Board
- High Temperature performing plastic
- Plating options
- Variety of Positions

Electrical Performances

- Current Rating: 1A continuous
- Insulation Resistance: 1000 M Ω min.
- Dielectric withstanding voltage: 500 V

Mechanical Performances

- Mating cycles: 100

Environmental

- Operating Temperature : -55~125°C & -40~85 °C

Technical Data

- Housing : High temperature black thermoplastic
- Flammability rating: UL94 V-0
- Pin: copper alloy
- Plating: Gold or GXT over 1.27 μ m (50 μ ”) nickel

Specifications

- Product specification GS-12-629

Packaging

- Tube, Tape and Reel

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Features & Benefits

Features	Benefits
3 Duplex plating versions (30u" ,15" GXT, 10u" gold and Gold Flash)	Allows for applications in a wide range of environments (less demanding to severe)
Packaging: Tape on reel with pick up cap or tube without pick up cap	Facilitates automated pick & place assembly
Both top and bottom entry product available	Meet specific needs and is useful for Mezzanine Application
Standoff design	Allow cleaning to eliminate soldering contaminations
Post options for SMT product	Easy for customer design and process
Customized stacking header	Suitable for specific designs

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Part Numbers



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



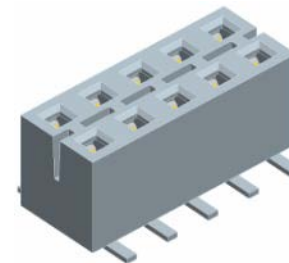
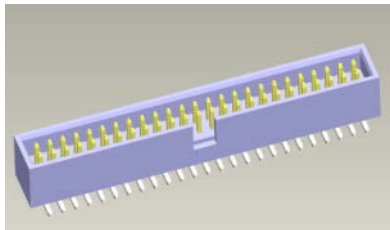
= TH (Through Hole)



= SMT (Surface Mount)

C = ORIENTATION

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



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Part Numbers

	Through Hole		Surface Mount	
	Vertical	Right Angle	Vertical	Right Angle
Unshrouded headers	20021111	20021112	20021121	20021122
Shrouded headers	20021211	20021212	20021221	
Receptacles	20021311		20021321	
IDC	20021444			
IDC headers	20021511	20021512	20021521	
Eject headers	20021611	20021612	20021621	

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Stacking Height Matrix

	Through Hole		Surface Mount	
Mating Height	6.8mm	8mm – 15mm	6mm	8.5mm – 15mm
Based on	Standard Receptacle	Stacking Header	Standard Receptacle	Stacking Header
Receptacle	20021311	20021311	20021321	20021321
Header	20021111	2002181x, 2002182x	20021121	2002183x

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Main Markets & Application

Industrial, Instrumentation & Medical



Communications market



Consumer market



Data market

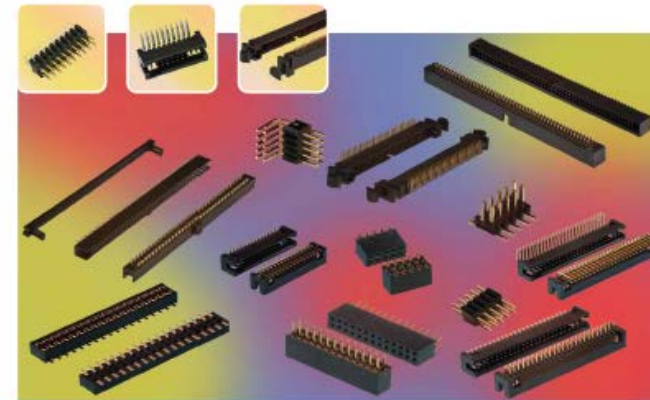


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Marcom Collaterals

Available on FCI.com:

- Catalogue



ELECTRONICS

Minitek127®
1.27 mm (.050") Modular System

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Available on FCI.com:

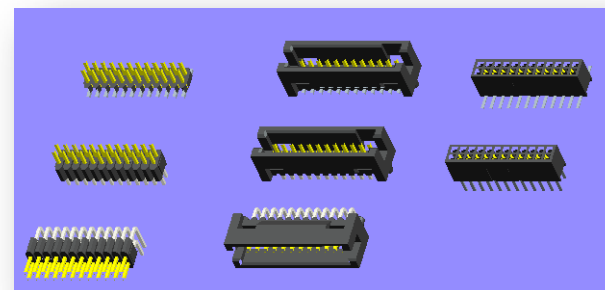
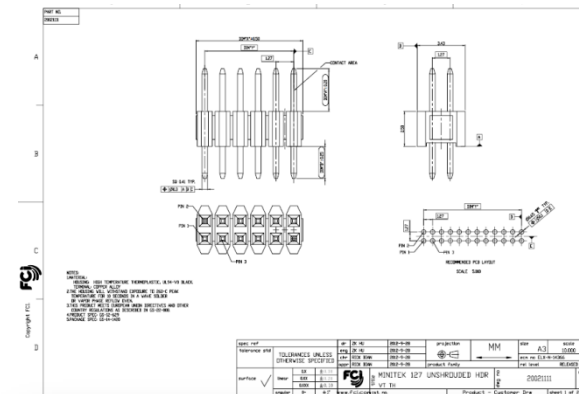
- Part Numbers

- Drawings

- 3D Views

Results 1 - 20 of 220. Result page: 1 2 3 4 5 6 7 8 9 10 >>

Part Number	Image	Status	Product Name
20021111-00006T8LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, VERTICAL, TH, 6 POSITIONS
20021111-00018T1LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, VERTICAL, TH, 18 POSITIONS
20021111-00060T1LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, VERTICAL, TH, 60 POSITIONS
20021111-00060T4LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, VERTICAL, TH, 60 POSITIONS
20021111-00066T8LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, VERTICAL, TH, 66 POSITIONS
20021111-00078T4LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, VERTICAL, TH, 78 POSITIONS
20021112-00016T1LF		ACTIVE	1.27x1.27MM BTB, HEADER UNSHROUDED, RIGHT ANGLE, TH, 16 POSITIONS





THANK YOU

