

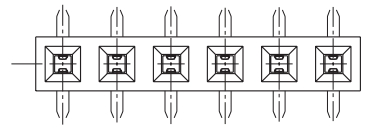
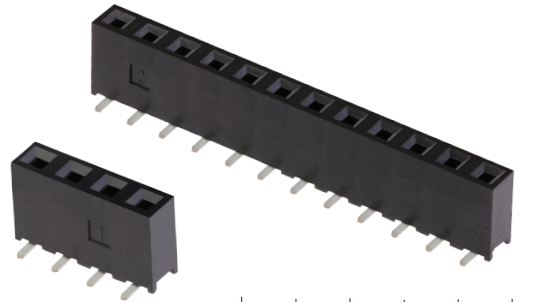
MINITEK® 2.00MM RECEPTACLE

Single and double row

MODULAR AND COMPACT SOLUTION

The Minithek® product family includes single and double row receptacles for Board-to-Board and Wire-to-Board applications, in 2 to 25 positions per row and in vertical and horizontal configurations.

- Selective plating option saves costs
- Double solder tail on each pitch for SR VCC ensures no orientation constraint
- 2Amps performance with more than one contact powered
- Horizontal configuration is ideal for coplanar applications
- Modular system ensures interchangeable solution for flexible design

NEW


*Double solder tail on each pitch for SR VCC

TARGET MARKETS



FEATURES

- Double solder tail on each pitch for Single Row (SR) Vertical Card Connector (VCC)*
- 2Amps with more than one contact powered
- Selective plating
- Low profile version available (2.3mm height)
- Modular system is fully intermateable
- Smaller pitch of 2.00mm
- Dual beam contact design
- Perpendicular or coplanar application
- High raw material temperature range

BENEFITS

- Facilitates automatic placement with no orientation constraint
- Meet higher power Amps performance requirements
- Cost efficient
- Meets specific design requirements
- Interchangeable solution offers design flexibility
- 38% less board space compared with 2.54mm connectors
- Highly reliable electrical performances
- Vertical or horizontal mounting solution
- Withstands reflow soldering process

TECHNICAL INFORMATION

MATERIAL

- Housing: High Temperature Thermoplastic, Black, UL94V-0
- Pin: Phosphor Bronze
- Plating:
 - 1= 0.76µm Gold/GXT™ on contact area and 2µm min. matte Tin on tail
 - 2= 0.38µm Gold/GXT™ on contact area and 2µm min. matte Tin on tail
 - 3= 0.20µm Gold/GXT™ on contact area and 2µm min. matte Tin on tail
 - 9= 1.27µm Nickel min. under layer and 2µm matte Tin on tail

MECHANICAL PERFORMANCE

- Durability: 100 mating cycles

APPROVALS AND CERTIFICATIONS

- UL94 V-0 & CSA

PACKAGING

- Tube
- Tape

ELECTRICAL PERFORMANCE

- Dielectric Withstanding Voltage: 650V
- Insulation Resistance: 1000MΩ min.
- Current Rating: 2A (all contacts powered)

ENVIRONMENTAL

- Operating Temperature: -55°C to +125°C

SPECIFICATIONS

- Product Specification: GS-12-1326

TARGET MARKETS/APPLICATIONS



Automotive



Input/Output Module
Server Drive
Programmable Logic Controller (PLC)

Disclaimer

Please note that the above information is subject to change without notice.

PART NUMBER SELECTOR – SINGLE ROW

XXXXXXX	X	XX	X	XX		
BASE PART NUMBER	PLATING CODE	TOTAL POSITIONS	PACKAGING OPTION	LEAD-FREE	LF	
Single Row		Tube (standard packaging)		U		
Vertical, SMT		Tape and reel for SMT & as available		A		
Vertical, THT						
Horizontal, SMT						
Horizontal, THT						
0.76µm Gold/GXT™ on contact area; 2µm min. matte Tin on tail		2 positions		02	14 positions	14
0.38µm Gold/GXT™ on contact area; 2µm min. matte Tin on tail		3 positions		03	15 positions	15
0.20µm Gold/GXT™ on contact area; 2µm min. matte Tin on tail		4 positions		04	16 positions	16
1.27µm Nickel min. under layer; 2µm matte Tin on tail		5 positions		05	17 positions	17
		6 positions		06	18 positions	18
		7 positions		07	19 positions	19
		8 positions		08	20 positions	20
		9 positions		09	21 positions	21
		10 positions		10	22 positions	22
		11 positions		11	23 positions	23
		12 positions		12	24 positions	24
		13 positions		13	25 positions	25

PART NUMBER SELECTOR – DOUBLE ROW

XXXXXXX	X	XX	X	XX	
BASE PART NUMBER	PLATING CODE	TOTAL POSITIONS	PACKAGING OPTION	LEAD-FREE	LF
Single Row		Tube (standard packaging)		U	
Vertical, SMT		Tape and reel for SMT & as available		A	
Vertical, THT					
Horizontal, SMT		2 positions		02	
Horizontal, THT		Up to 50 positions		50	
0.76µm Gold/GXT™ on contact area; 2µm min. matte Tin on tail					
0.38µm Gold/GXT™ on contact area; 2µm min. matte Tin on tail					
0.20µm Gold/GXT™ on contact area; 2µm min. matte Tin on tail					
1.27µm Nickel min. under layer; 2µm matte Tin on tail					