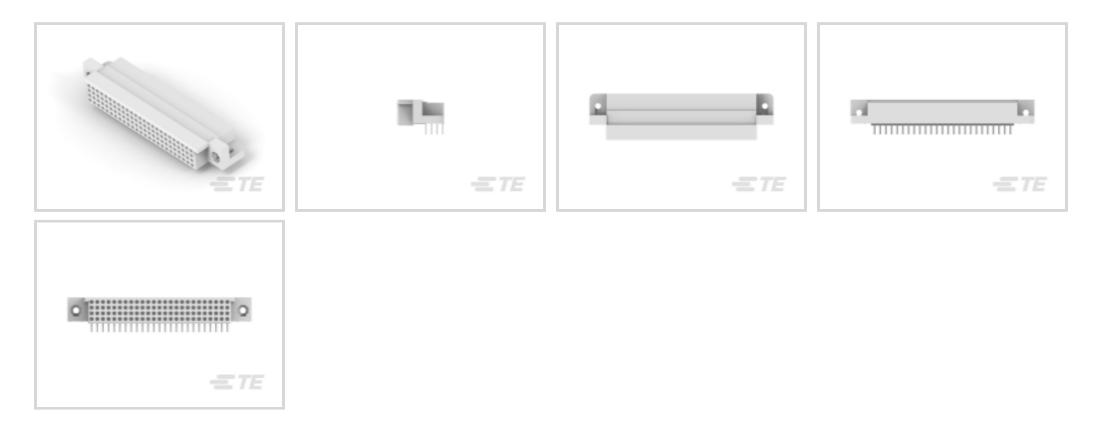


#### AMP-HDI

TE Internal #: 532434-1 PCB Mount Receptacle, Right Angle, Board-to-Board, 100 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube

#### View on TE.com >

#### Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: PCB Mount Receptacle

PCB Mount Orientation: Right Angle

Connector System: Board-to-Board

Number of Positions: 100

Number of Rows: 4

## Features

**E** 

#### **Product Type Features**

PCB Connector Assembly Type	PCB Mount Receptacle	
Connector System	Board-to-Board	
Sealable	No	
Connector & Contact Terminates To	Printed Circuit Board	
Configuration Features		
Stackable	No	
PCB Mount Orientation	Right Angle	
Number of Positions	100	
Number of Rows	4	
Electrical Characteristics		
Insulation Resistance	4 MΩ	
Body Features		
Primary Product Color	Natural	

PCB Mount Receptacle, Right Angle, Board-to-Board, 100 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube



### **Contact Features**

Mating Square Post Dimension	.64 mm[.025 in]
Contact Layout	Matrix
Contact Shape & Form	Four Beam
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
	30 µin
Contact Type	Socket
Contact Current Rating (Max)	3 A
Termination Features	
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mating Alignment	Without
Mating Alignment Type	Keyed
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic
Dimensions	
Connector Height	11.68 mm[.46 in]
Usage Conditions	
Housing Temperature Rating	High
Operating Temperature Range	-65 - 125 °C[-85 - 257 °F]
Operation/Application	
Assembly Process Feature	None
Circuit Application	Signal

PCB Mount Receptacle, Right Angle, Board-to-Board, 100 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube



#### **Industry Standards**

UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	7
Packaging Method	Tube

### **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant	
EU ELV Directive 2000/53/EC	Compliant with Exemptions	
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold	
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (13% in component part) Article Safe Usage Statements Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.	

## BFR/CFR/PVC Free, but Br/Cl >900 ppm in

other sources.

#### Solder Process Capability

Not lead free process capable

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-onreach

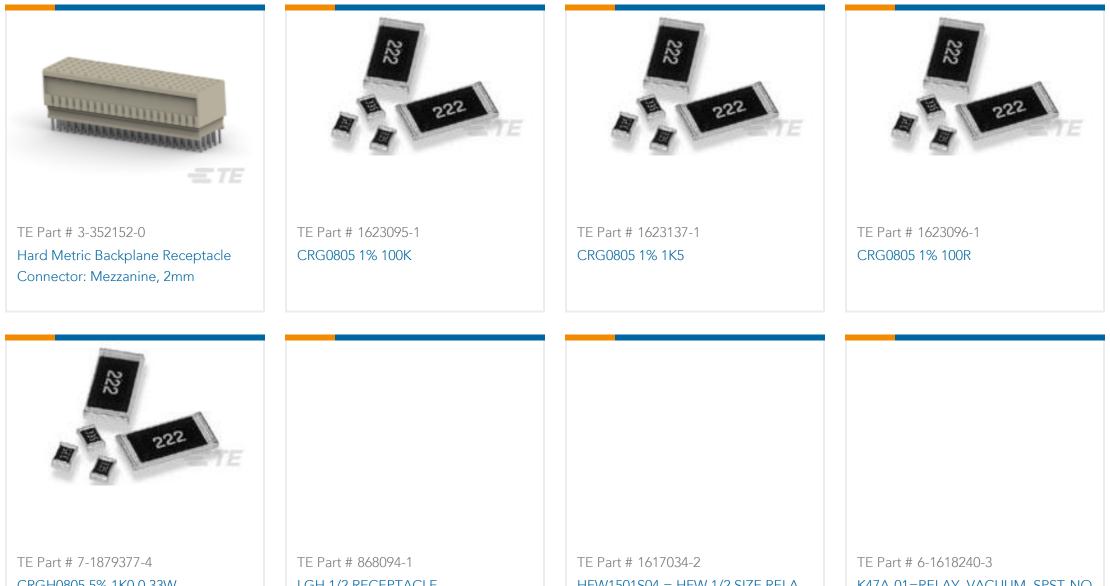
## Compatible Parts

PCB Mount Receptacle, Right Angle, Board-to-Board, 100 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube





# Customers Also Bought



CRGH0805 5% 1K0 0.33W	LGH 1/2 RECEPTACLE	HFW1501S04 = HFW 1/2 SIZE RELA	K47A-01=RELAY, VACUUM, SPST-NO
TE Part # 7-1618240-0 K47B-03=RELAY, VACUUM, SPST-NC			
Documents			
Product Drawings			
HDI RECP ASSY 4 ROW 100	POS		

English

## CAD Files

#### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_532434-1\_R.2d\_dxf.zip

PCB Mount Receptacle, Right Angle, Board-to-Board, 100 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube



English

Customer View Model ENG\_CVM\_CVM\_532434-1\_R.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_532434-1\_R.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions**of use.

Datasheets & Catalog Pages 1-1773957-5\_AMP\_HDI\_BTB\_CONNECTORS\_EN

English

Product Specifications Application Specification

English

Instruction Sheets Instruction Sheet (U.S.)

English

Agency Approvals Agency Approval Document

English