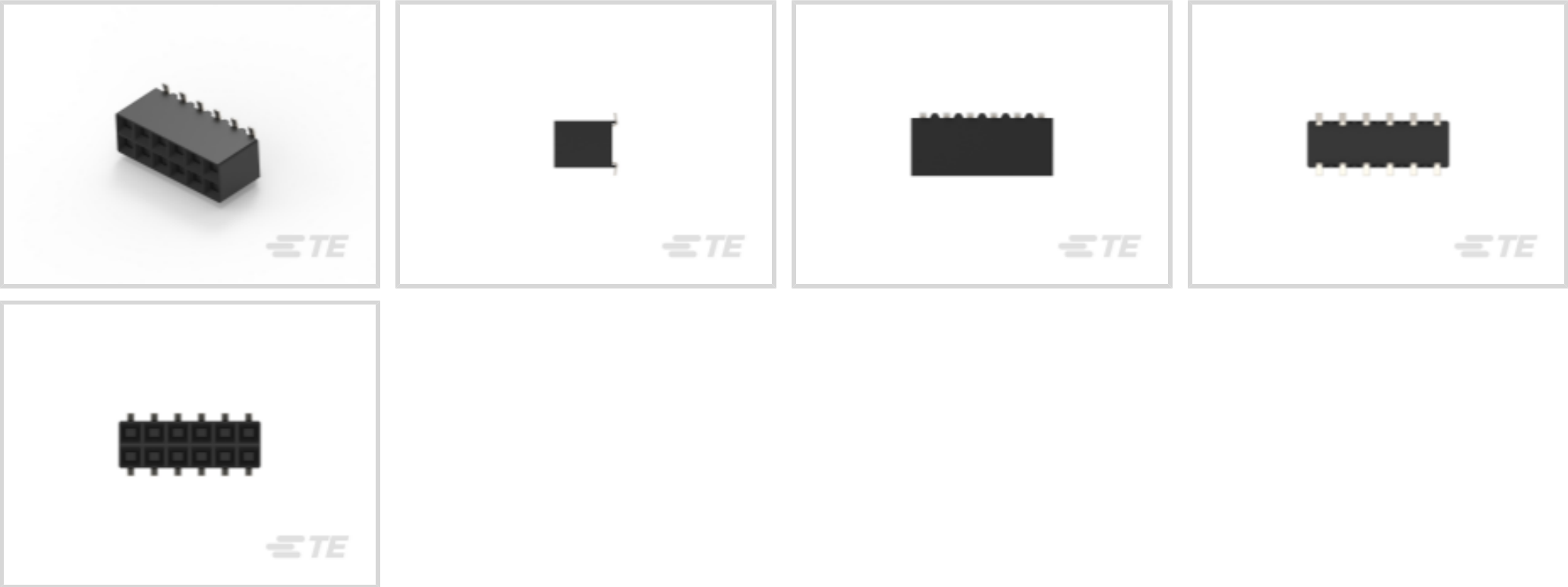




TE Internal #: 5-2267178-6
PCB Mount Receptacle, Vertical, Board-to-Board, 12 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, Signal
[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**
Connector System: **Board-to-Board**
Number of Positions: **12**
Number of Rows: **2**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	12
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black
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Contact Features

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Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 7.62 µm[150 – 300 µin]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester GF

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	250
Packaging Method	Reel

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

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-on-reach>

Compatible Parts

TE Part # 5-2267178-5
10 MODIV VRT DR SFMNT 30AU NO CAP

TE Part # 5-2267178-7
14 MODIV VRT DR SFMNT 30AU NO CAP

Customers Also Bought





TE Part #1571262-4
SWITCH,TACTILE,SMT,W/BOSS,T&R



TE Part #1586134-1
05P UMNL PIN HDR V2 NATL NDH



TE Part #1969498-1
ASSY, TAB HDR, 7MM, 6.35 SERIES, 2 POS



TE Part #2081857-1
MMCX STR PCB MOUNT RECEPTACLE 50 OHM



TE Part #2108517-2
DUAL BAND WiFi ANTENNA, STAMPED METAL,SMD



TE Part #2118310-2
4G WORLD BAND METASPAN TAB MT PCB BLK



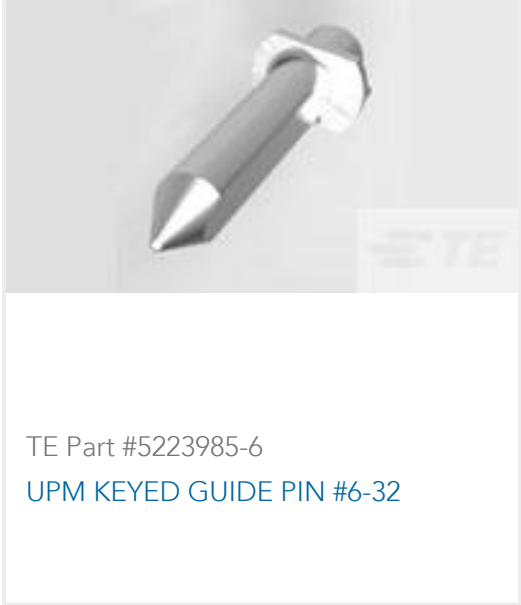
TE Part #2176083-3
EP 5W (S) 22R 5%



TE Part #2176231-8
3522 20R 1% 3W



TE Part #1-2199230-5
M.2 0.5PITCH 4.2H KEY M 15U" AU



TE Part #5223985-6
UPM KEYED GUIDE PIN #6-32

Documents

Product Drawings
12 MODIV VRT DR SFMNT 30AU NO CAP
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5-2267178-6_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_5-2267178-6_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5-2267178-6_A.3d_stp.zip
English

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

Product Specifications

5-2267178-6

PCB Mount Receptacle, Vertical, Board-to-Board, 12 Position, 2.54 mm [.1 in]
Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, Signal



English