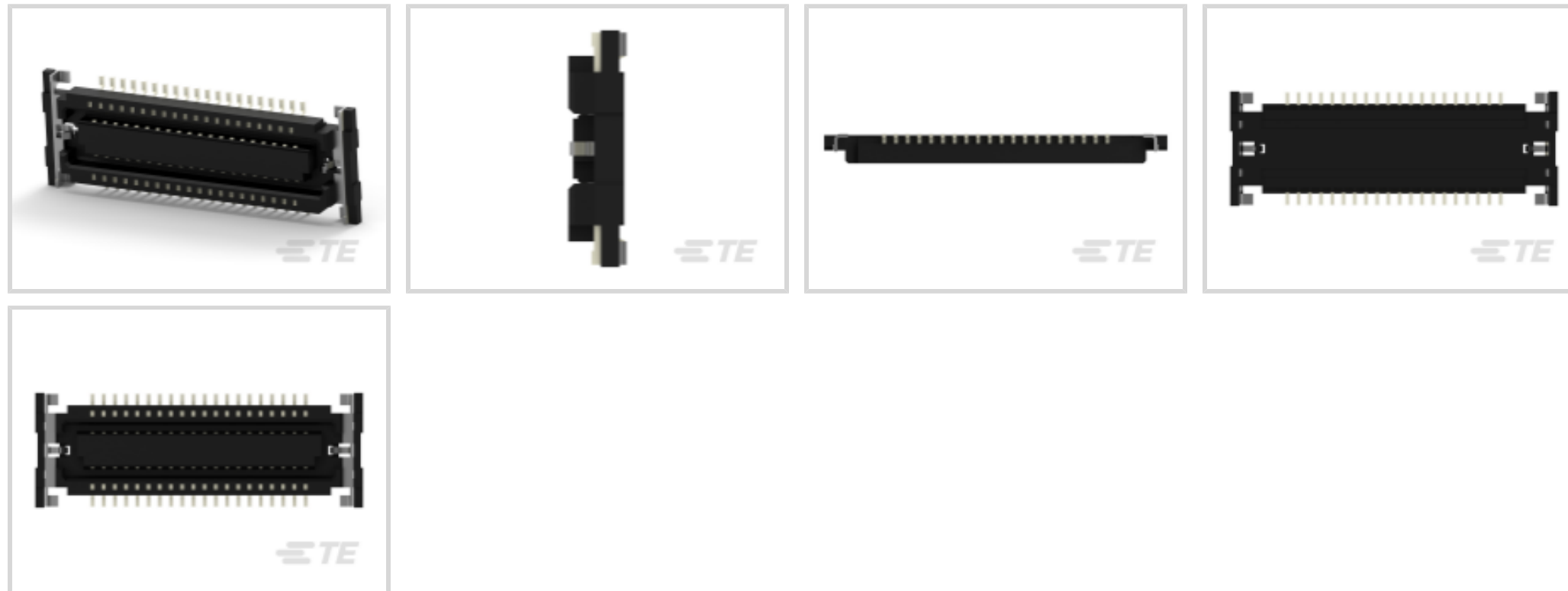




TE Internal #: 4-5353512-5
 PCB Mount Receptacle, Vertical, Board-to-Board, 40 Position, .5 mm [.02 in] Centerline, Gold, Surface Mount, Signal, Black, Tape & Reel

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

Connector System: **Board-to-Board**

Number of Positions: **40**

Centerline (Pitch): **.5 mm [.02 in]**

Features

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	Yes
PCB Mount Orientation	Vertical
Number of Positions	40
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	2 MΩ
Operating Voltage	250 VAC

Body Features

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Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.05 μm [2 μin]
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Contact Layout	Inline
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PCB Contact Termination Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
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Contact Type	Socket
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Contact Current Rating (Max)	.3 A
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Termination Features

Rectangular Termination Post & Tail Thickness	.15 mm[.006 in]
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Rectangular Termination Post & Tail Width	.5 mm[.02 in]
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Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Alignment Type	None
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PCB Mount Retention Type	None
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Mating Alignment	With
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Mating Alignment Type	Keyed
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PCB Mount Retention	Without
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PCB Mount Alignment	Without
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Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	.5 mm[.02 in]
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Housing Material	High heat-resisted resin
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Dimensions

Connector Height	1.2 mm[.04 in]
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Stack Height	1.5 mm[.059 in]
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Usage Conditions

Housing Temperature Rating	High
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Operating Temperature Range	-30 – 105 $^{\circ}\text{C}$ [-22 – 221 $^{\circ}\text{F}$]
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Operation/Application



Assembly Process Feature	Vacuum Cover
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1500
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Packaging Method	Tape & Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Reflow solder capable to 245°C
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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 # 1-912069-2
COVER TAPE 21.5W



TE Part # 9-912068-3
EMBOSS TAPE 24W 0.5 FS REC

Customers Also Bought



TE Part #1761394-1
DUST COVER, SFP, GANGED & STACKED



TE Part #6-2176091-0
RP 2A 0.25W 243R 0.1% 25PPM 1K RL



TE Part #1982738-2
Female Connector IEC



TE Part #1-2176329-1
CRGP 1210 68R 1%




TE Part #4-2170705-8
CAGE ASSY, QSFP28 1X1, SPRING, HS, LP




TE Part #6368035-3
2X6 OFFSET STK MJ,SHLD,G/YLED



TE Part #1734300-3
SHIELD FINGER 3025-Z1-T



TE Part #354463-E
STVR/2 48 MI ABC VV 4-00 EE 3,2 * 247 E



TE Part #6345185-1
Z-PACK/B M-HDR 125P

Documents

Product Drawings

[ON TAPING \(EMBOSS\) 0.5MM FS CONN. REC. A](#)

Japanese

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_4-5353512-5_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_4-5353512-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-5353512-5_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English