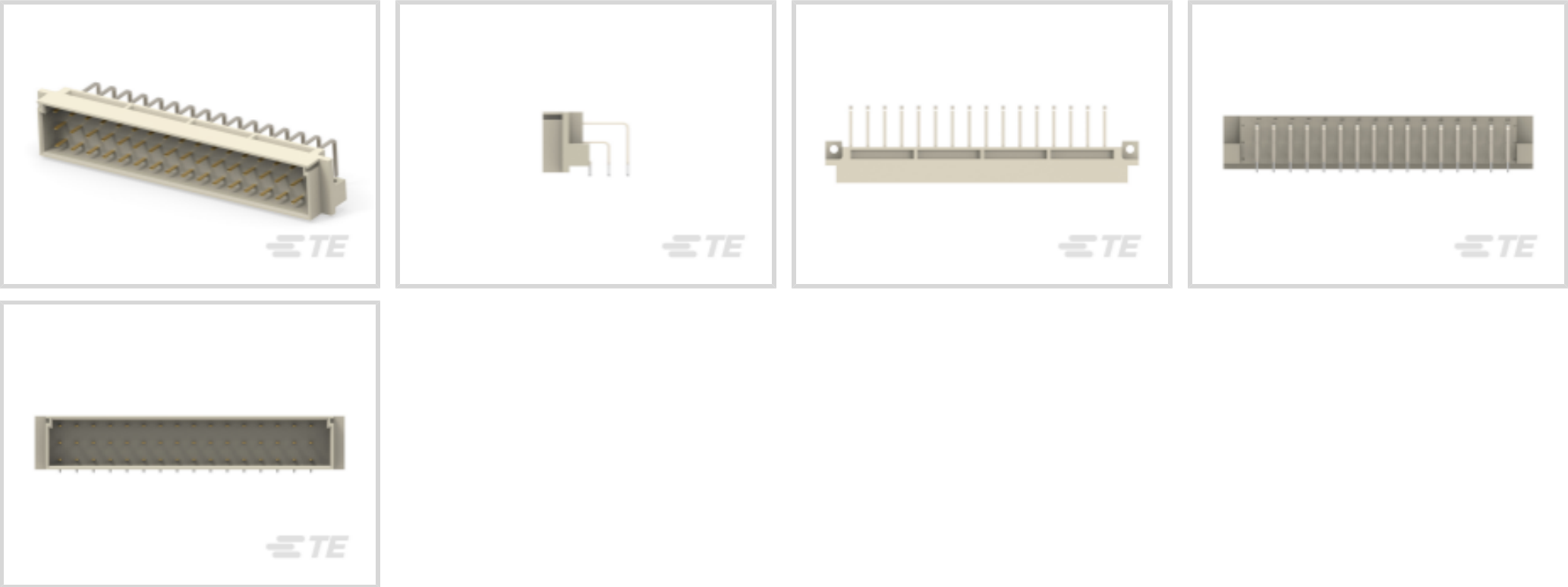




TE Internal #: 354871-E
Plug, Board-to-Board, 48 Position, 5.08 mm [.2 in] Centerline,
Printed Circuit Board, 3 Row, Vertical, 16 Column, Eurocard
Connectors
[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **3 mm [.118 in]**
Number of Positions: **48**
Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Performance Level	I

Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	16
Number of Signal Positions	48

Contact Features

Contact Base Material	Copper Alloy
Contact Type	Pin



Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3 mm[.118 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	PBT GF30
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Connector Width	16.2 mm[.637 in]
Connector Height	16.2 mm[.638 in]
Connector Length	94 mm[3.7 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Compatible With Approved Standards Products	UL E84703
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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: FEB 2026 (253) Candidate List Declared Against: JAN 2025 (247) 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 # 354446-E
STVE 48 F ACE GGG 7-01 EE 6,0 * 107 E 17

TE Part # 374389-E
STVTE 48 FI ACE UUU 7-03 TL-S * * 247 E0

TE Part # 354664-E
STVE 48 F ACE GGG 7-02 EE 4,5 * 247 E 17

TE Part # 354662-E
STVE 48 F ACE GGG 7-01 LOE 8,0 * 237 E00

TE Part # 354660-E
STVE 48 F ACE GGG 7-02 1206 4,5 * 247 E

TE Part # 354341-E
STVE 48 F ACE GGG 7-01 1010 4,0 * 107 E

Customers Also Bought

TE Part #130521
PIDG SPADE, 22-16 #4

TE Part #321026
SPLICE,PG BUTT 26-22

TE Part #322798
SOLIS R HR 22-16COM 22-18MIL 8

TE Part #531230-4
SHUNT,,200 C/L, 2 POS, SN



TE Part #1053354-1
[2062 0000 00,SMA PCB VERT JACK](#)



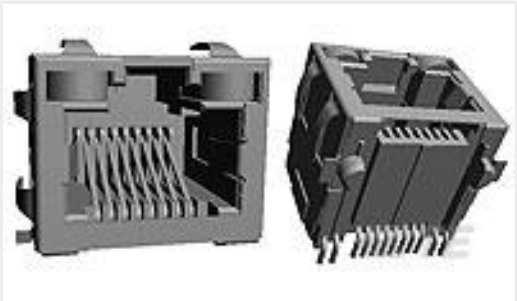
TE Part #1614885-7
[CPF 0805 110K 0.1% 25PPM 1K RL](#)



TE Part #7-2176373-5
[RQ 0805 59R 0.1% 10PPM 1K RL](#)



TE Part #2199230-3
[M.2 0.5PITCH 4.2H KEY B 15U" AU](#)



TE Part #2-6339191-1
[MJ,RJ4,5SM,TSHLD,LED \(G/O\)](#)



TE Part #1393788-3
[V23079A1001B301](#)

Documents

Product Drawings

[STVE 48 M ACE GGG 4-00 1006 * * 137 E007](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_354871-E_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_354871-E_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_354871-E_1.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English