

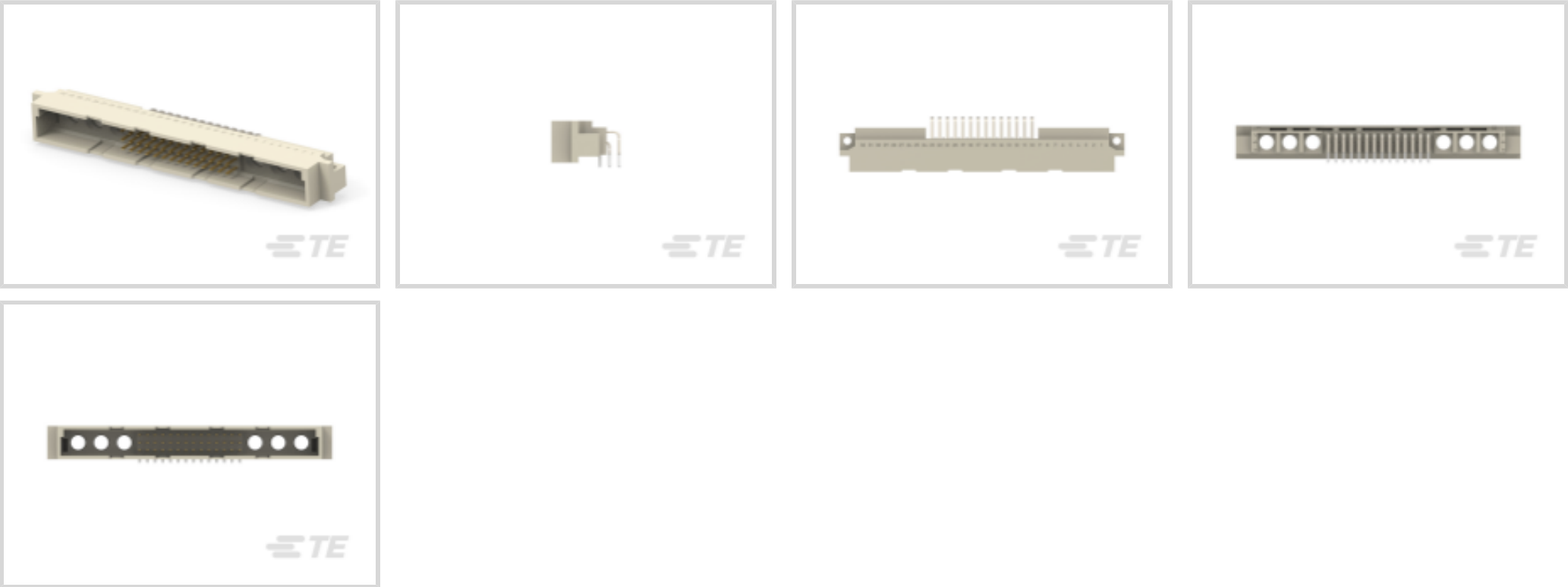
374162-E

✓ ACTIVE

TE Internal #: 374162-E
Plug, Board-to-Board, 42 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Right Angle, 14 Column, Eurocard
Connectors
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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: **42**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	42
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	14
Rows Loaded	A, B, C
Number of Signal Positions	42

Contact Features

Contact Base Material	Copper Alloy
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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
Housing Features	
Housing Material	PBT GF30
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Width	14.5 mm[.57 in]
Connector Height	11.1 mm[.437 in]
Connector Length	94 mm[3.7 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	
Compatible With Approved Standards Products	UL E84703
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: JUNE 2024 (241) 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 # 354112-E
STVM 42-6 F ABC VVW 7-00 TL 4,0 *
137 E0

TE Part # 354108-E
STVM 42-6 F ABC VVW 7-00 TL 4,0 *
247 E0

Customers Also Bought

TE Part #5575754001
CGPT-18/6-0-SP

TE Part #374144-E
STVM 24-8 M ABC VVW 4-00 0606 **
137 E0

TE Part #354108-E
STVM 42-6 F ABC VVW 7-00 TL 4,0 *
247 E0

TE Part #2-36161-2
TERM, PIDG, R, 12-10, #10, T&R

TE Part #5-146130-4
10 MODII HDR DRST SFMNT B/A LF

TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A,
gold or tin plated

TE Part #2-353082-2
DYNAMIC D-5200 HDR V ASSY 3P

TE Part #1-1623819-1
SBL4 R033 5%



Documents

Product Drawings

STVM 42-6 M ABC VW 4-00 0606 * * 247 E0

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_374162-E_1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_374162-E_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_374162-E_1.3d_igs.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English