148452-5 ✔ ACTIVE

EUROCARD

TE Internal #: 148452-5

Eurocard Connectors, Receptacle, Board-to-Board, 160 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 5 Row, Vertical, 32 Column

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **6 mm [.236 in]**

Number of Positions: **160**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Level	II

Configuration Features

Number of Positions	160
Number of Rows	5
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	96
Rows Loaded	Fully Loaded

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 - 7.62 µm[100 - 300 µin]
Contact Layout	Matrix

Contact Type	Receptacle
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	6 mm[.236 in]

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Length	94 mm[3.7 in]
Connector Height	11.51 mm[.45 in]
Connector Width	15.88 mm[.625 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Box

Product Compliance

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

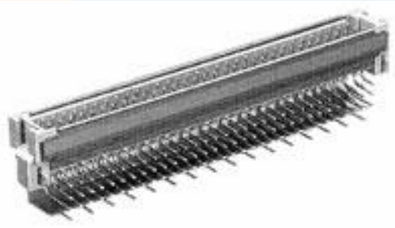
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)

	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.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

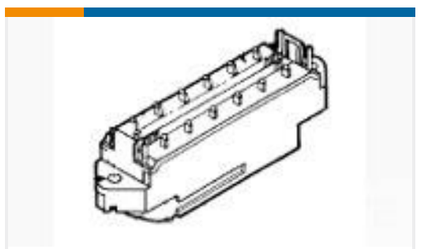
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 536146-5
096 ENHNCD EURO PIN ASSY

Customers Also Bought



TE Part # 553598-1
PLUG ASSY,24 POSN,SCR LK,L PF



TE Part # 1-1469492-3
MULTIGIG RT 9MM GUIDE/ESD 90 DEG



TE Part # 6651170-2
285-0102-11300=CONN,SKT,COMP

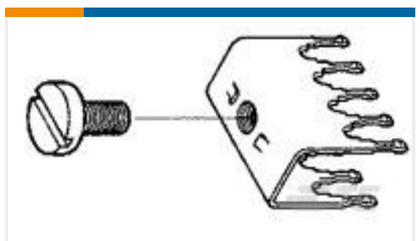


TE Part # 1410187-3
MULTIGIG RT T2 7RW DC DF CT



TE Part # 1-208778-1

AMPLIMITE,SKT CONT,SZ 20



TE Part # 5055558-7

10 PWR TAP CONT PLTD STD .100



TE Part # 1532176-3

M83513/04-F03N, MCKS-N1-B-37S6G9-18.0



TE Part # 6651430-1

TA CONN,PIN

TE Part # 104113-E

ERMB 125 FS 1 EE * 3,70 A-E V-V * * 247

Documents

Product Drawings

160 ENH EURO LONG REC 6MM ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_148452-5_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_148452-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_148452-5_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

High Speed Backplane Connectors catalog - MULTIGIG RT Connector

English

Product Specifications

Application Specification

English