150 EURO TYPE C RECEPT ST ASSY ✔ ACTIVE

EUROCARD

TE Part # 650406-5

TE Internal #: 650406-5

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector Style: **Receptacle**

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

Number of Positions: **150**

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

Termination Post Length: **4.57 mm [.18 in]**

Features

Product Type Features

Post Type	Solder Post
Guides	Without
Make First / Break Last	No
Connector Type	Connector Assembly
Make First / Break Last Contacts Loaded	No
Shielded	No
Connector Style	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Size	Expanded
DIN Level	II

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	150
Number of Rows	3
Number of Columns	50
Number of Power or Coaxial Positions	150
Rows Loaded	A, B, C
Number of Signal Positions	150

Board-to-Board Configuration	Vertical

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Contact Termination Area Plating Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Type	Socket
Contact Termination Area Plating Material	Tin-Lead
Contact Cross Section	.3 x .61 mm[.012 x .024 in]
Contact Mating Area Plating Material Thickness	.76 µm[50 – 50 µin]
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features

Interface Type	Eurocard/DIN 41612
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	4.57 mm[.18 in]

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
PCB Mount Retention Type	Boardlock
Mounting Angle	Vertical
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Tail Length	4.57 mm[.178 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	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

Product Compliance

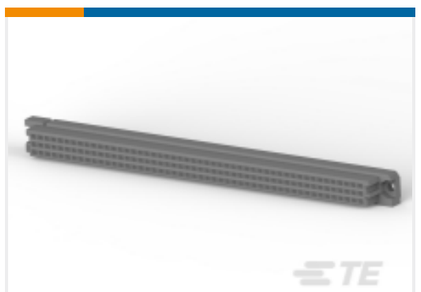
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 5650405-5
ASSEMBLY,RECEPTACLE, EUROCARD,T

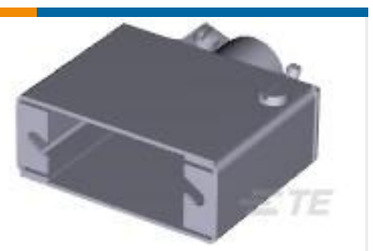
Customers Also Bought



TE Part #650907-5
150 EURO TYPE C PIN ST ASSY



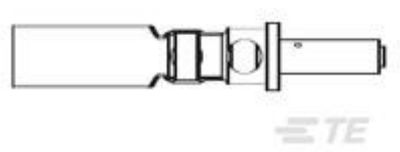
TE Part #1738280-1
SHELL ASY,KIT,RECPT, GPRB2



TE Part #200514-2
SHIELD ASSM.



TE Part #5650406-5
ASSEMBLY,RECEPTACLE, EUROCARD,T



TE Part #622649-000
D-600-0018



TE Part #430225-000
TXR40AB90-2420AI



TE Part #1-87224-6
16 MODII HDR SRST UNSHRD .100



TE Part #1-1617039-1
HMS1131S04L = M39016 /44-031L



TE Part #243827-000
TXR40AB00-2406AI



TE Part #950825-000
TXR40AB90-2210AI

Documents

Product Drawings

150 EURO TYPE C RECEPT ST ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_650406-5_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_650406-5_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_650406-5_P.3d_stp.zip

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English