

ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,144

/1 ☒ ACTIVE

EUROCARD

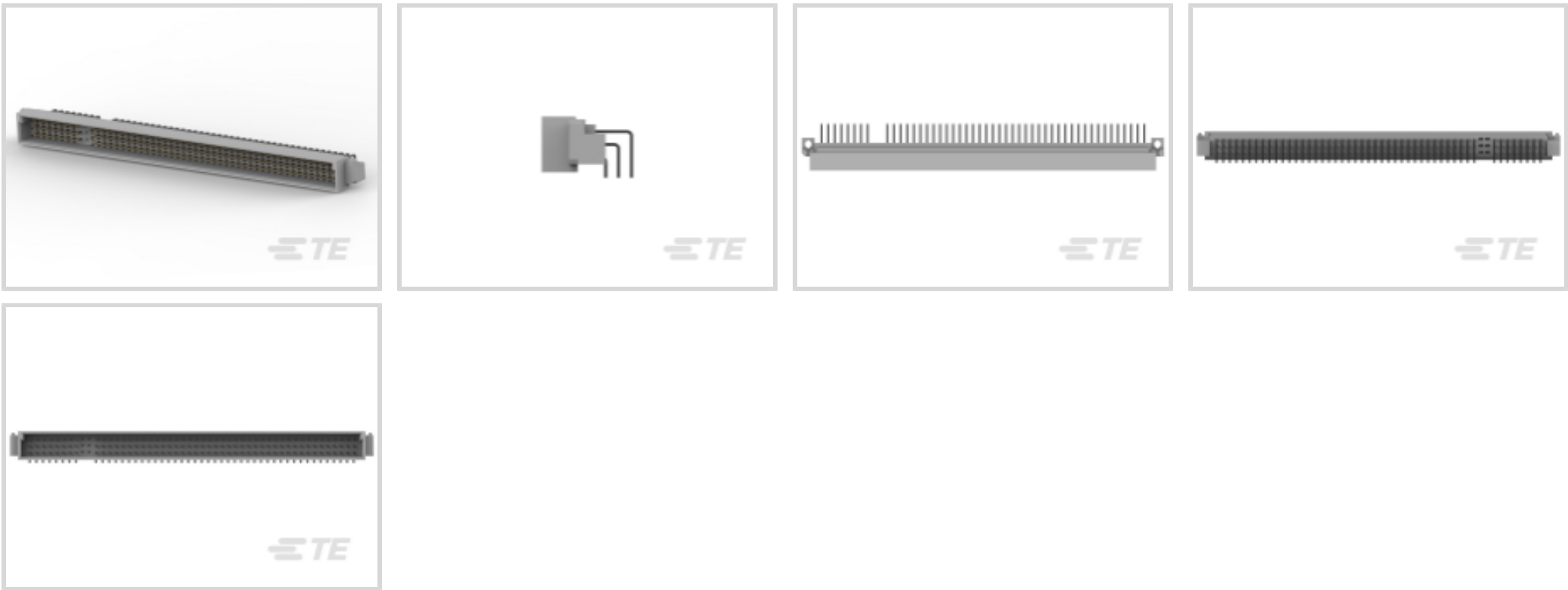
TE Part # 5148468-1

TE Internal #: 5148468-1

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector Style: **Plug**
Connector System: **Board-to-Board**
Number of Positions: **144**
Centerline (Pitch): **2.54 mm [.1 in]**
Termination Post Length: **2.65 mm [.104 in]**

Features

Product Type Features

Make First / Break Last	No
Connector Type	Connector Assembly
Connector Style	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Size	Standard
DIN Level	II

Configuration Features

Position Locations Loaded	1-40, 43-50
PCB Mount Orientation	Right Angle
Number of Positions	144
Number of Rows	3
Number of Columns	48



Rows Loaded	A, B, C
Number of Signal Positions	144
Board-to-Board Configuration	Right Angle

Contact Features

Contact Transmits (Typical)	Signal (Data)
Contact Type	Pin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Termination Features

Interface Type	Vertical
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	2.65 mm[.104 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

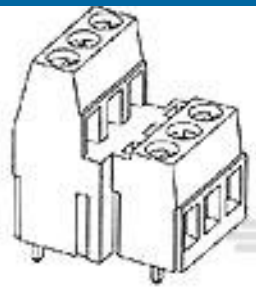
Product Compliance Disclaimer

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 # 5148460-1
ASSY,RECPT,EUROCARD,
TYPE C,L-FREE,144/15

Customers Also Bought



TE Part #282888-7
TERMI-BLOK PCB 9 POS.
5 mm PIT



TE Part #5148460-1
ASSY,RECPT,EUROCARD,
TYPE C,L-FREE,144/15



TE Part #T1329160120-000
H16A-TG-M20



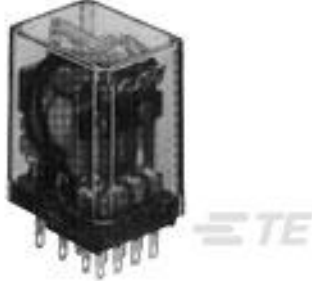
TE Part #T1349160120-000
H16A-TGH-M20



TE Part #2170773-1
CAGE ASSY, QSFP28 1X1,
SPRING, LP



TE Part #2-2176346-4
CRGCO 1210 6K8 5%



TE Part #1-1393122-8
KHAU-11D18-24=KH



TE Part #5-1393090-8
MT223048



TE Part #7-1437572-2
TPF11CGRA0=SW P/B
NOR-OPEN

Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,144/1

English

CAD Files

Customer View Model

ENG_CVM_CVM_5148468-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148468-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148468-1_O.3d_stp.zip

English

Product Specifications

Application Specification



English

Product Environmental Compliance

TE Material Declaration

English