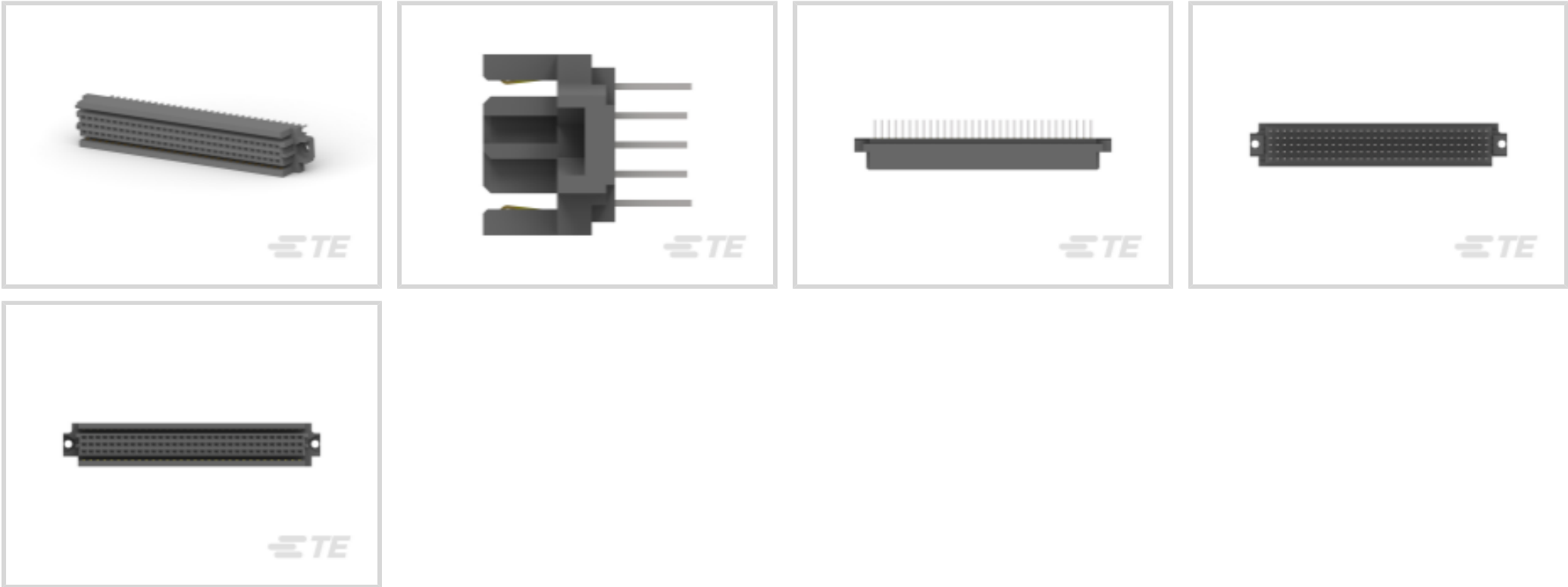




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



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
Rows Loaded	Fully Loaded
Number of Signal Positions	96

Contact Features

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



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

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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Dimensions

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

Usage Conditions

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

Circuit Application	Signal
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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	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 2025 (247) Candidate List Declared Against: JUNE 2024 (241)



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 #2-329944-6
TWIN THREADED PLUG

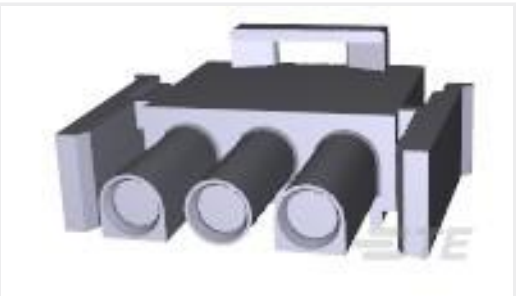
TE Part #5745077-6
HD-20 RCPT 15P VERT FFSCRLK

TE Part #5745079-6
HD-20 RCPT 37P VERT FFSCRLK

TE Part #5552562-1
KIT,HDW,BAIL LOCK,VERT MTG



TE Part #640915-2
[RECEPT,PIDG FASTON 16-14 205](#)



TE Part #1-350766-2
[03P UMNL V0 PLUG HSG RED](#)



TE Part #5148059-5
[ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FREE](#)



TE Part #5148452-5
[ASSY,RECPT,ENH.TYPE C,EUROCARD,L-FREE,5](#)



TE Part #350790-3
[03P UMNL PIN HDR ASSY 94VO LF](#)



TE Part #5745074-4
[HD-20 PLUG 37P VERT FFSCRLK](#)

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 Conditions](#) of use.

Datasheets & Catalog Pages

[High Speed Backplane Connectors catalog - MULTIGIG RT Connector](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)



English