

096 EURO TYP C RECP 17MM ASSY

✓ ACTIVE

EUROCARD

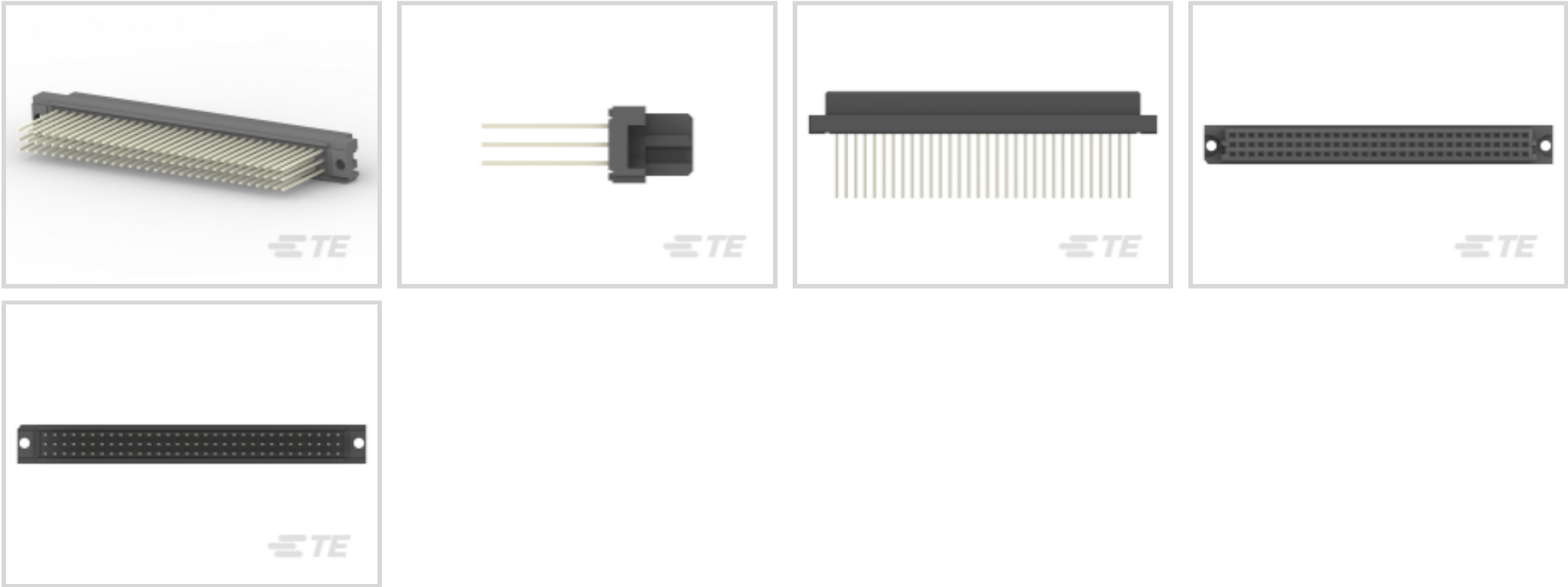
TE Part # 148059-5

TE Internal #: 148059-5

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector Style: **Receptacle**

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

Number of Positions: **96**

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

Termination Post Length: **17 mm [.669 in]**

Features

Product Type Features

Make First / Break Last	No
Connector Type	Connector Assembly
Connector Style	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Row-to-Row Spacing	2.54 mm[.1 in]
Size	Standard
DIN Level	II

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	96
Number of Rows	3
Number of Columns	32
Rows Loaded	A, B, C



Number of Signal Positions	96
Board-to-Board Configuration	Vertical

Body Features

Color	Gray
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Tin-Lead
Contact Mating Area Plating Thickness	5.08 µm
Contact Termination Area Plating Material	Tin-Lead
Contact Cross Section	.64 x .64 mm[.025 x .025 in]
Contact Transmits (Typical)	Signal (Data)
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 - Press-Fit
Termination Post Length	17 mm[.669 in]

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Mounting Angle	Vertical
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Tail Length	17 mm
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Height	28.51 mm
PCB Thickness (Recommended)	1.57 mm[.062 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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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	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	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 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

DIP Sockets(1)	Eurocard Connectors(61)	Standard Edge Connectors (7)

Customers Also Bought

TE Part #5148059-5 ASSY,RECEPTACLE, EUROCARD,TYPE C,LEAD-FRE	TE Part #535074-2 EURO SHROUD 96 POS	TE Part #5-104550-9 100 SYS50 SURFMNT DRST RCPT SN	TE Part #1-148059-5 096 EURO TYP C RECP 17MM ASSY
TE Part #646482-5 2MM H.M.,B-22 SHROUD 4.5MM	TE Part #640499-4 04P MR HDR ASSY V0 RED	TE Part #2-640501-4 09P MR HDR ASSY VO RED LF	TE Part #1-499923-2 064 UNIV HDR SP 4S 15DP STD L1
TE Part #640498-2 03P MR HDR ASSY V0 RED			

Documents

Product Drawings
096 EURO TYP C RECP 17MM ASSY
English

CAD Files
Customer View Model
ENG_CVM_CVM_148059-5_K.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_148059-5_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_148059-5_K.3d_stp.zip](#)

English

[Product Specifications](#)

[Application Specification](#)

English

[Product Environmental Compliance](#)

[TE Material Declaration](#)

English