

166811-5 ACTIVE

EUROCARD

TE Internal #: 166811-5

Eurocard Connectors, Receptacle, Wire-to-Board, 64 Position, .1 in [2.54 mm] Centerline, Wire & Cable, 3 Row, Vertical, 32 Column, 64 Signal Positions

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Number of Positions: **64**

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

Sealable: **No**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
DIN Size	Standard
DIN Level	II

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	64
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, C

Contact Features

Contact Type	Socket
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	.76 μ m



Contact Mating Area Plating Material	Gold
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	3 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC) Discrete
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Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Retention	With
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Mating Alignment	With
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PCB Mount Alignment	With
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Panel Mount Feature	With
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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Housing Features

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

Wire Size	.12 – .4 mm ²
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Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 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](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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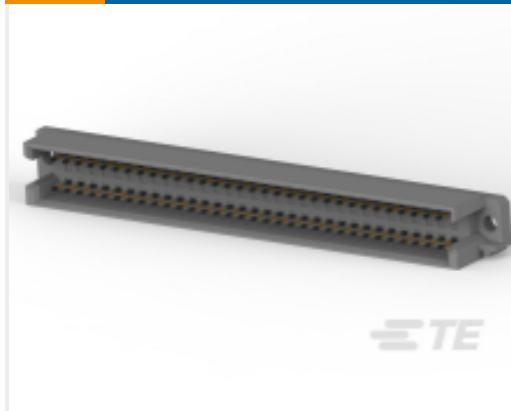


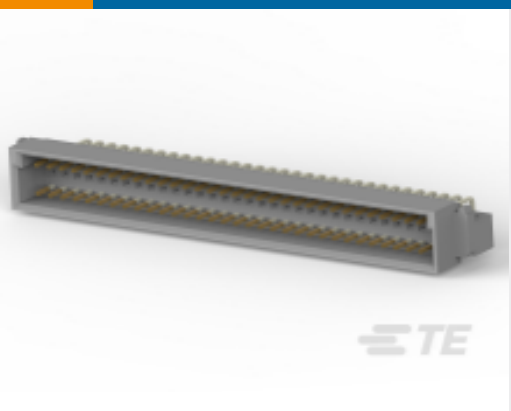





China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

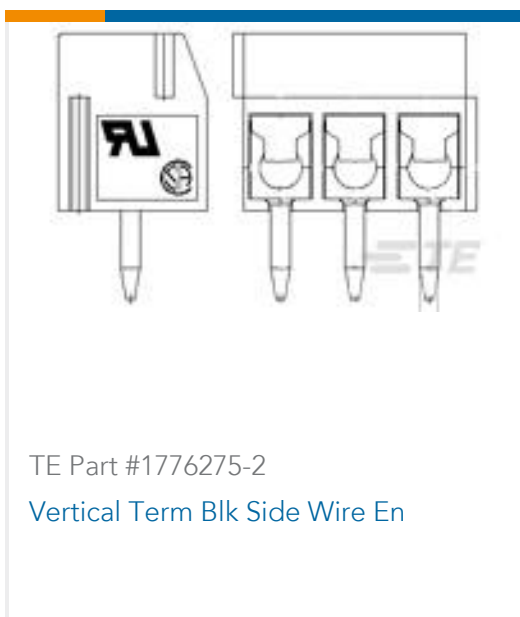
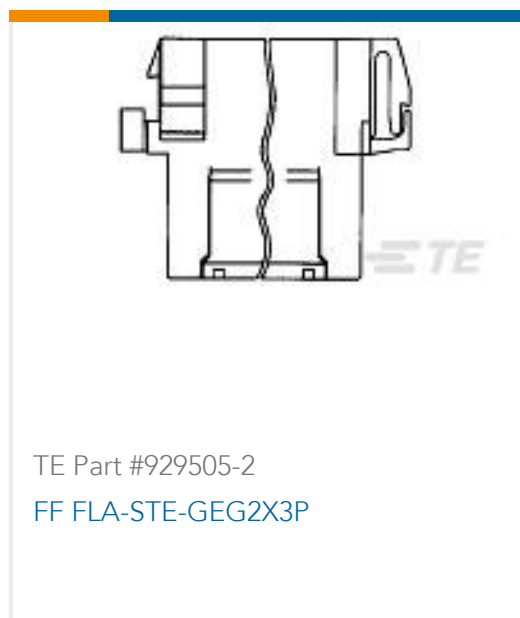
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 5650945-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>	 <p>TE Part # 5650933-5 ASSY,PIN,EUROCARD,TYPE R,LEAD-</p>	 <p>TE Part # 5650951-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>	 <p>TE Part # 5536356-5 ASSY,PIN,EUROCARD,"C",LEAD-FREE,A&C,64/9</p>
 <p>TE Part # 650945-5 064 EURO TYPE C PIN ST ASSY</p>	 <p>TE Part # 5536406-5 ASSY,PIN,EUROCARD,"C",LEAD-FREE,A&C,64/9</p>	 <p>TE Part # 650951-5 064 EURO TYPE C PIN ST ASSY</p>	 <p>TE Part # 536356-5 064 EURO TYPE C PIN BL ASSY</p>



Customers Also Bought



Documents

Product Drawings

[64P.MT.CONN.KIT ASS](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_166811-5_E.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_166811-5_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_166811-5_E.3d_stp.zip](#)

English

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Product Specifications

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