2-164430-4 ✔ ACTIVE

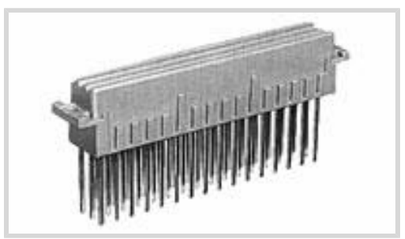
EUROCARD

TE Internal #: 2-164430-4

Receptacle, Board-to-Board, 32 Position, 5.08 mm [.2 in] Centerline, Printed Circuit Board, 3 Row, Vertical, 16 Column, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **22 mm [.866 in]**

Number of Positions: **32**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Eurocard Connector Configuration Type	Type F
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Performance Level	II

Configuration Features

Number of Positions	32
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	16
Rows Loaded	D, Z
Number of Signal Positions	32

Body Features

Primary Product Color	Gray

Contact Features

Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	5.5 A

Downloaded from Arrow.com.

Termination Features

Termination Post & Tail Length	22 mm[.866 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
Mating Retention	With
Mating Alignment	Without

Housing Features

Housing Material	Polycarbonate GF
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Row-to-Row Spacing	3.81 mm[.15 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Tray

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Downloaded from Arrow.com.

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.

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



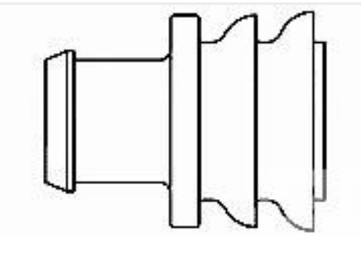
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

32P.IEC-F FEM.CONN.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-164430-4_H.2d_dxf.zip

English

Customer View Model

Downloaded from Arrow.com.

ENG_CVM_CVM_2-164430-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-164430-4_H.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Downloaded from Arrow.com.