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Rectangular Power Connector Type: **Connector Assembly**  
Connector & Housing Type: **Housing for Male Terminals**  
Connector System: **Board-to-Board**  
Number of Positions: **40**  
Centerline (Pitch): **3.3 mm, 13.21 mm [ .13 in, .52 in ]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Housing for Male Terminals
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	40
PCB Mount Orientation	Vertical
Number of Power Positions	4
Number of Signal Positions	36
Number of Rows	6

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

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Contact Layout	Staggered
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	25 A
Contact Retention Within Housing	With
Contact Type	Pin
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Housing Features

Centerline (Pitch)	3.3 mm, 13.21 mm[.13 in][.52 in]
Housing Color	Black
Housing Material	Thermoplastic Glass Reinforced

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	45
Packaging Method	Box

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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: JUNE 2024 (241)



Candidate List Declared Against: JUNE 2024 (241)  
SVHC > Threshold:  
Pb (3.7% 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	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 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 # 2212082-1  
CONNECTOR,SOCKET,SQUARE  
DRAWER

Customers Also Bought



TE Part #ZPF00000000136485  
RECEPTACLE MALE FOR 12 PINS,  
CAL1,6



TE Part #EC9833-000  
ZHD-SCE-3.2-50-S1-4



TE Part #1-1415543-5  
RTE44110



TE Part #ASA158F12390235000  
623 PLUG





TE Part #ZPF000000000205373  
PLUG MALE ANG.90 CAL.20 - FXP



TE Part #YZ-KC-212751A-PY00  
TOOL DISMOUNTING - FXP2



TE Part #55992-1  
TERMINAL,AMPOWER R 2/0 5/16



TE Part #ZPF000000000205378  
CONTACT MALE ANG.90, CAL20, 120MM2 - FXP



TE Part #ZPF000000000205388  
CONTACT FEMALE CAL.20, M12 - FXP

Documents

Product Drawings

CONNECTOR,PIN,SQUARE DRAWER

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2212081-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2212081-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2212081-1\_A.3d\_stp.zip

English

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Product Specifications

Product Specification

English