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Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

Centerline (Pitch): **2 mm, 5 mm [.078 in, .196 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Rectangular Power Connector Type | Header |
| Connector & Housing Type | Receptacle |
| Connector System | Board-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|--|---------------------|
| Number of Positions by Circuit Application | 6P/Power, 30/Signal |
| Number of Positions | 36 |
| PCB Mount Orientation | Vertical |
| Number of Power Positions | 6 |
| Number of Signal Positions | 30 |
| Number of Rows | 5 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|



Contact Features

| | |
|--|----------------------------------|
| Contact Mating Area Plating Material | Gold Flash over Palladium Nickel |
| Contact Underplating Material | Nickel |
| Contact Current Rating (Max) | 558 A |
| Contact Retention Within Housing | With |
| Contact Type | Receptacle |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .076 µm[3 µin] |

Termination Features

| | |
|---|--------------------------|
| Termination Post & Tail Length | 3.2 mm |
| Termination Method to Printed Circuit Board | Through Hole - Press-Fit |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

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|--------------------|------------------------------|
| Centerline (Pitch) | 2 mm, 5 mm[.078 in][.196 in] |
| Housing Color | Black |
| Housing Material | Thermoplastic |

Dimensions

| | |
|--------------------|---------------|
| Row-to-Row Spacing | 2 mm[.079 in] |
|--------------------|---------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 - 125 °C[-40 - 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

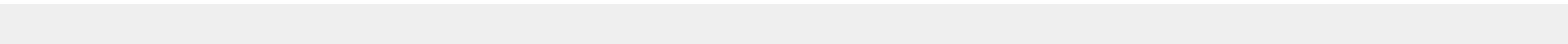
| | |
|------------------------|---------------------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | High Temperature Part - Not Glow Wire |

Packaging Features

| | |
|------------------|------------|
| Packaging Method | Box & 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 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 # 2204440-8
MULTI-BEAM HD R/A PLUG
15S+3P+3P+15S

Also in the Series | MULTI-BEAM HD



Customers Also Bought

TE Part # 2204420-1
MULTI-BEAM HD VERTICAL REC.
15S+2P+2P+15

TE Part # 2204440-8
MULTI-BEAM HD R/A PLUG
15S+3P+3P+15S

Documents

Product Drawings

MULTI-BEAM HD VERTICAL REC. 15S+3P+3P+15

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2204420-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2204420-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2204420-9_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Agency Approvals

UL

English

