

2204401-1 ✓ ACTIVE

[MULTI-BEAM](#) | [MULTI-BEAM HD](#)

TE Internal #: 2204401-1

Rectangular Power Connectors, Header, Receptacle, Board-to-Board, 36 Position, Printed Circuit Board, UL 94V-0, MULTI-BEAM HD

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **36**

Sealable: **No**

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	4P/Power, 2LP/Low Power, 30/Signal
Number of Positions	36
PCB Mount Orientation	Right Angle
Number of Power Positions	4
Number of Signal Positions	30
Number of Rows	5

Contact Features

Contact Mating Area Plating Material	Gold
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Contact Underplating Material	Palladium Nickel
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Contact Retention Within Housing	With
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Contact Type	Receptacle
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PCB Contact Termination Area Plating Material	Tin
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Termination Features

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

Housing Color	Black
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Housing Material	LCP GF30 (Liquid Crystal Polymer)
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Dimensions

Row-to-Row Spacing	2 mm [.079 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C
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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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Glow Wire Rating	High Temperature Part - Not Glow Wire
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Packaging Features

Packaging Method	Box & Tray
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Product Compliance

[For compliance documentation, visit the product page on 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
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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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 # 2204441-1
MULTI-BEAM HD R/A PLUG
15S+2P+2LP+2P+15

Also in the Series | MULTI-BEAM HD



Rectangular Power Connectors(46)

Customers Also Bought



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



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



TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



Documents

Product Drawings

[MULTI-BEAM HD R/A REC. 15S+2P+2LP+2P+15S](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2204401-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204401-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2204401-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English