



TE Internal #: 1-2343327-2

Standard Rectangular Connectors, Connector Assembly, Plug, Mating Alignment, Polarization Mating Alignment Type, Mating Retention, Wire-to-Board, Gold

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Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Insertion Force Type	High
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Contacts Preloaded	Yes
PCB Mount Orientation	Right Angle
Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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Contact Layout	Inline
Contact Type	Tab
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Current Rating (Max)	15 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Strain Relief	Without
PCB Mount Retention	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic GF
Housing Color	Black
Centerline (Pitch)	3.81 mm[.149 in]

Dimensions

Connector Height	9.35 mm[.368 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Product Width	22.1 mm[.87 in]
Product Length	29.24 mm[1.15 in]

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating

UL 94V-0

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed 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 # CAT-D9934-A75A
Receptacle and Tab Housing: 3.81 mm pitch, 250V

Customers Also Bought



TE Part # 194018-1
PIN ASSY..070

TE Part # 2-164045-4
48P.IEC-F.MALE CONN

TE Part # 2-1445091-3
MICRO MNL HDR ASSY S/ROW AU LF

TE Part # 5406721-2
MJ,RJ45,SM,TGRAY,13" REEL

TE Part # 284391-5
TERMI-BLOK PCB SIDE ENTRY STAC

TE Part # 2213767-5
AV19 SPM 3A MOVE RING LED RED 12V

TE Part # 1-2213764-7
AV19 SPM 3A FIX RING LED BLUE 12V

TE Part # DTF15-12PB
HDR, 12P, BLK, ST, SN/NI/CU, B

TE Part # 1734753-3
MINI USB, TYPE B, VERTICAL, T/H, CAP

Documents

Product Drawings

D3100 HDR,5POS SINGLE ROW SMT HORIZONTAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2343327-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2343327-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2343327-2_A.3d_stp.zip

English

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Product Specifications



Application Specification

English