



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Black
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Contact Features

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Contact Type	Pin
Contact Retention Within Housing	Without
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Tab
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 66/6
Centerline (Pitch)	3 mm [.118 in]

Dimensions

Row-to-Row Spacing	3 mm [.118 in]
Compatible Insulation Diameter (Max)	1.52 mm [.06 in]
Connector Width	16.89 mm
Connector Height	6.86 mm
Wire Size	30 – 20 AWG
Connector Length	15.85 mm

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

Compatible With Agency/Standards Products	CNR, USR
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476, VDE 40005280
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire



UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity	1000
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

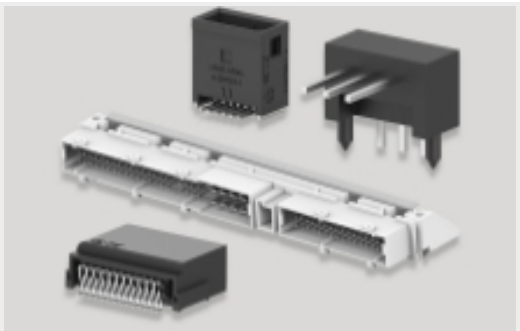
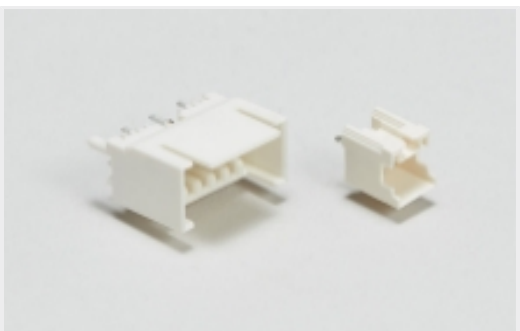
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

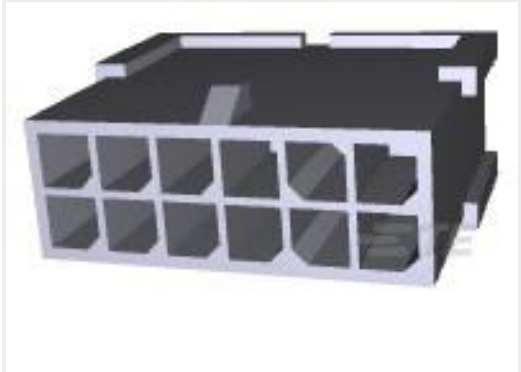




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 Rectangular Connector Housings(98)	 Rectangular Power Connectors(469)	 Wire-to-Board Headers & Receptacles (371)	

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 TE Part #1445049-4 FREE HANG SNGL ROW HSG 4 POS	 TE Part #1-745498-5 37 HDE MS PLUG,22-26,LEAD FREE	 TE Part #1-794616-6 FREE HANG DBL ROW HSG 16 POS	 TE Part #1-794612-1 PIN CONT 20-24 15 GOLD L/P
 TE Part #1-794608-1 PIN CONT 20-24 15 GOLD STRIP	 TE Part #770672-1 UMNL PIN 30-26 PTPBR L/P		



Documents

Product Drawings

FREE HANG DBL ROW HSG 10 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-794616-0_C1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-794616-0_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-794616-0_C1.3d_stp.zip

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Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

MICRO MATE-N-LOK CONNECTOR SYSTEM

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Product Specifications

Application Specification

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Agency Approvals

UL Report

English