



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Board, Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Multiple Contact Types	Without
Contact Layout	Matrix
Contact Type	Socket
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	Nylon
Centerline (Pitch)	6.35 mm[.25 in]

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Package

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: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 1-640406-0
05P UMNL VALVE CONN HSG



TE Part # 1-1644055-3
06P UMNL PLUG HSG GWEPT-V0 WINDOW LATCH



TE Part # 1644055-1
UNIV MATE-N-LOK HOUSING 6W



TE Part # 1586887-1
06P UMNL CAP HSG, P/M, GW



TE Part # 2178773-1
UMNL 6 WAY CAP HOUSING



TE Part # 1-480704-1
06P UMNL PLUG HSG BRN



TE Part # 3-480704-0
06P UMNL PLUG HSG NATL



TE Part # 926682-3
06P UNIV.M-N-L.HSG.



TE Part # 770051-1
06P UMNL II CAP-FRONT 94VO



TE Part # 794537-1
09P UMNL PLUG HSG 150C BLK



TE Part # 794536-1
06P UMNL CAP HSG 150C BLK



TE Part # 794714-3
06P UMNL CAP HSG RED,PAN MNT



TE Part # 770027-1
06P UMNLII IN-LINE CAP HSG KIT



TE Part # 2029457-1
06P UMNL PLUG RED S-LATCH VO



TE Part # 1863007-1
15P UMNL PLUG HSG



TE Part # 1-480705-0
06P UMNL CAP HSG NATL



TE Part # 1-480704-4
06P UMNL PLUG HSG YELL



TE Part # 1-480705-4
06P UMNL CAP HSG YELL



TE Part # 1586848-1
12P UMNL PLUG HSG, GW



TE Part # 1-480705-1
06P UMNL CAP HSG BRN

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



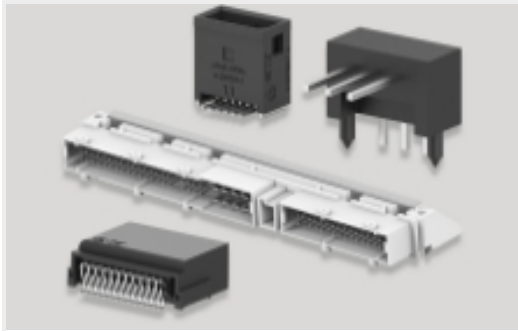
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)



Rectangular Power Connectors(651)



Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles
(286)

Customers Also Bought



TE Part #201570-1
CONTACT PIN ASSY.



TE Part #3-179554-3
DYNAMIC D-3200 WTW TAB HSG 6P



TE Part #1744544-2
EP II TPA 02P, BLACK



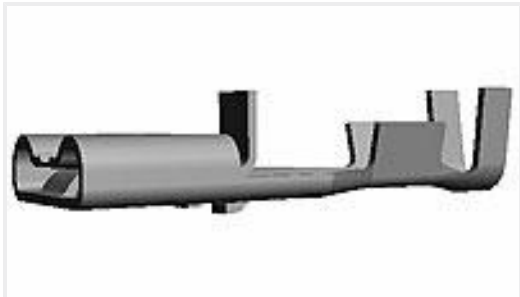
TE Part #2232326-1
CLUSTER BLOCK HSG .090 DIA



TE Part #521208-1
POSI-LOK HSG.250-6 POS RAST5



TE Part #368570-1
PDL 3P PLUG 6.5(GWT) NAT



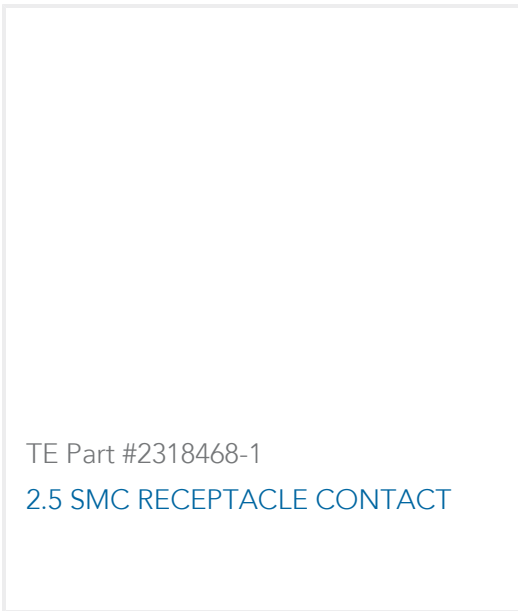
TE Part #170327-1
250 PL MKII REC. 22-18AWG PTBR



TE Part #1744544-3
EP II TPA 03P, BLACK



TE Part #2331225-1
187 PL EX REC. 20-14AWG PTBR



TE Part #2318468-1
2.5 SMC RECEPTACLE CONTACT

Documents

Product Drawings

06P UMNL PLUG HSG NATL, GW

English

CAD Files

Customer View Model

ENG_CVM_CVM_1586846-1_B1.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_1586846-1_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586846-1_B1.3d_igs.zip](#)

English

3D PDF

3D

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Product Specifications

Application Specification

English

Agency Approvals

UL

English