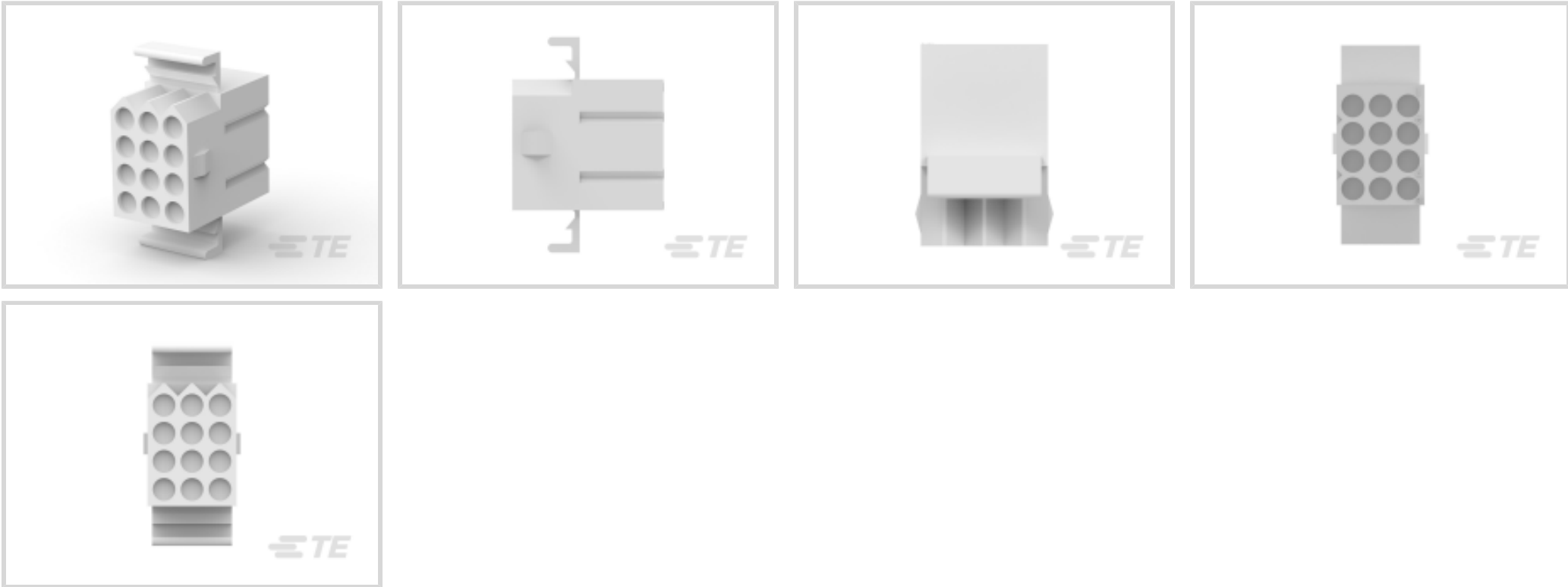




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Panel, Wire-to-Wire**
Number of Positions: **12**
Centerline (Pitch): **5.03 mm [.198 in]**

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Signal Positions	12
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without



Contact Type	Socket
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Mounting Ears
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	5.03 mm[.198 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Row-to-Row Spacing	5.03 mm[.198 in]
Width	16.13 mm
Panel Thickness	2.29 mm[.09 in]
Height	36.2 mm
Length	25.4 mm

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

CSA Rating	Certified
UL Flammability Rating	UL 94V-2
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR7189

Packaging Features

Packaging Method	Package
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Packaging Quantity

1

Other

For Use With	Plug Housing
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

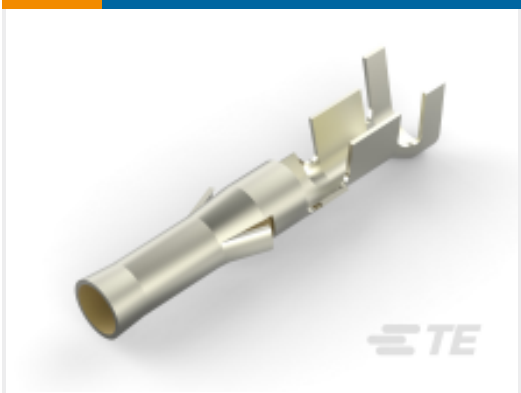
Product Compliance Disclaimer

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>

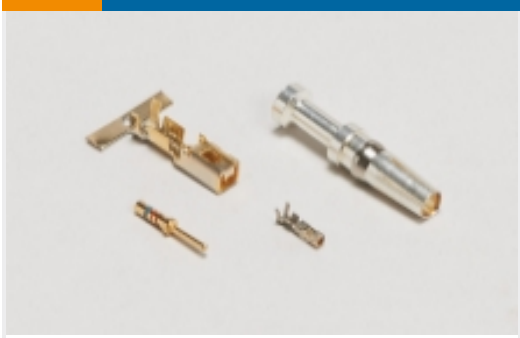
Compatible Parts

 TE Part # 770144-1 .093 CP&S SOK PTPBR L/P 20-14	 TE Part # 770102-1 12P .093 COMM P&S PLUG	 TE Part # 770147-1 .093 CP&S PIN PTPBR LP 24-18	 TE Part # 350416-1 .093 COMM P&S PIN 14-20 PTPBR
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 TE Part # 770529-1 .093 COMM P&S SOK 14-20 PTPBR	 TE Part # 770530-1 .093 COMM P&S PIN 14-20 PTPBR	 TE Part # 770145-1 .093 COMM P&S PIN PTPBR LP	 TE Part # 770146-1 .093 CP&S SOK PTPBR LP 24-18
 TE Part # 350416-5 .093 COMM P&S PIN AU/NI/BR	 TE Part # 770144-5 .093 CP&S SOC AUBR L/P 20-14	 TE Part # 350415-6 .093 COMM P&S SOK 14-20 PTPHBZ	 TE Part # 350417-5 .093 COMM P&S SOK AU/NI/BR
 TE Part # 350415-1 .093 COMM P&S SOK 14-20 PTPBR	 TE Part # 350418-1 .093 COMM P&S PIN 18-24 PTPBR	 TE Part # 350417-1 .093 COMM P&S SOK 18-24 PTPBR	 TE Part # 350415-5 .093 COMM P&S SOK 20-14 AUBR
 TE Part # 770098-1 12P .093 COMM P&S RECPT	 TE Part # 770101-1 12P .093 COMM P&S PLUG	 TE Part # 770145-5 .093 CP&S PIN AUBR LP 20-14	 TE Part # 770146-5 .093 CP&S SOK AUBR LP 24-18

Also in the Series | Commercial Pin and Socket Connectors

 Connector Contacts(3)	 Insertion & Extraction Tools(3)	 Power Contacts(39)	 Rectangular Connector Housings(11)
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[Rectangular Power Connectors\(88\)](#)



[Standard Rectangular Connectors\(4\)](#)

Customers Also Bought



TE Part #1-640251-1
3.96mm Wire-to-board housing:
receptacle, no mating alignment, SL
156



TE Part #171822-4
EIS REC. HSG 4P-NATURAL



TE Part #881545-2
SHUNT LP W/HANDLE 2 POS 30AU



TE Part #2-292216-8
MINI CT D/R RELAY 28P V NAT



TE Part #3-644456-2
Polyester Vertical PCB Header: 2.54
mm, Breakaway, MTA 100



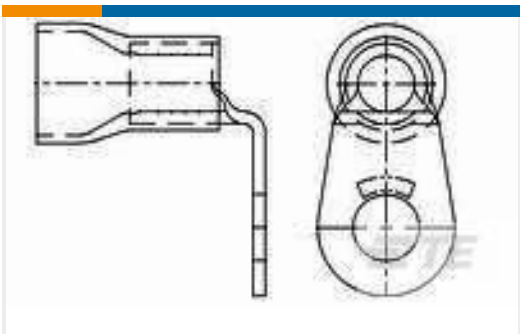
TE Part #3-292236-0
MINI CT DRAWER RECEPTACLE
HOUSINGS



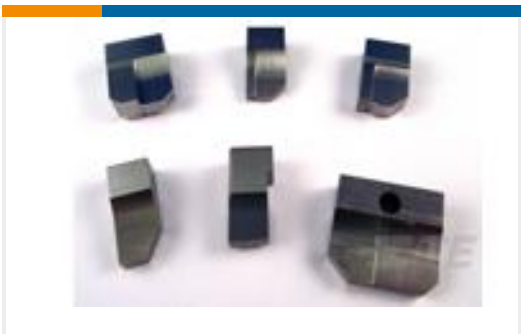
TE Part #2-175133-8
CT DOUBLE ROW 28P HOLDER
NATU.



TE Part #350536-1
UMNL SOK 20-14 .0126 PTPBR



TE Part #1958413-1
TERMINAL R PG 4 AWG, 5/16, BENT
90



TE Part #240655-8
ANVIL

Documents

Product Drawings

[12P .093 COMM P&S RECPT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_770099-1_F.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_770099-1_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_770099-1_F.2d_dxf.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_CVM_770099-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770099-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770099-1_N.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY](#)

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Product Specifications

[Application Specification](#)

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Agency Approvals

[UL Report](#)

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