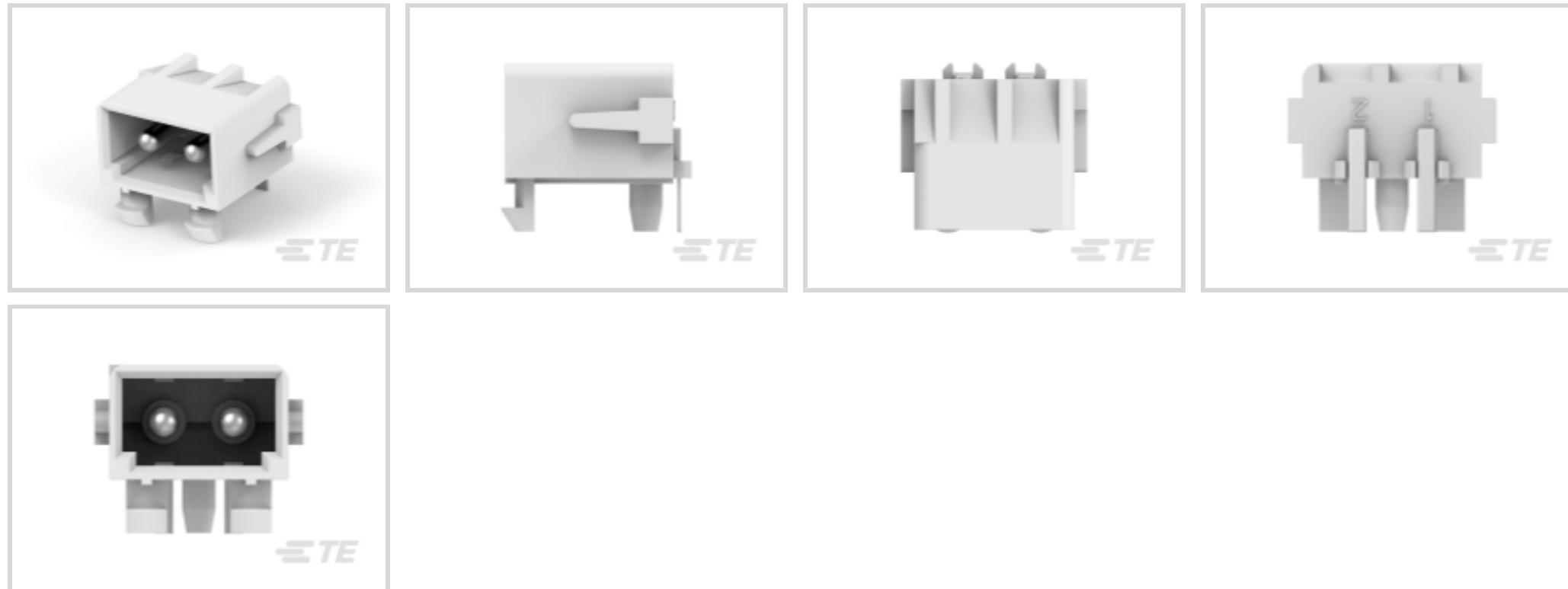




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Contacts Preloaded	Yes
PCB Mount Orientation	Right Angle
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Layout	Inline
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Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	12 A

Termination Features

Termination Post & Tail Length	3.6 mm[.14 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Strain Relief	Without
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Detent Lock
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Nylon, Thermoplastic
Housing Color	Natural
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

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

Shielded	No
Circuit Application	Power

Identification Marking

Circuit Identification Feature	With
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Industry Standards

CSA Rating	LR 16455
UL Rating	Certified, Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 reviewed for solder process capability

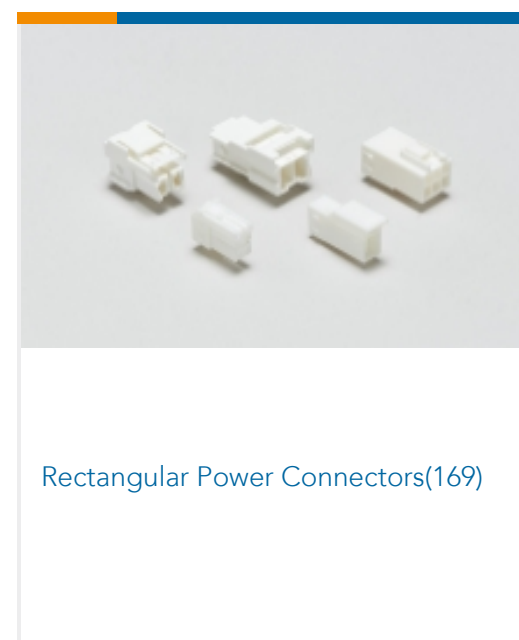
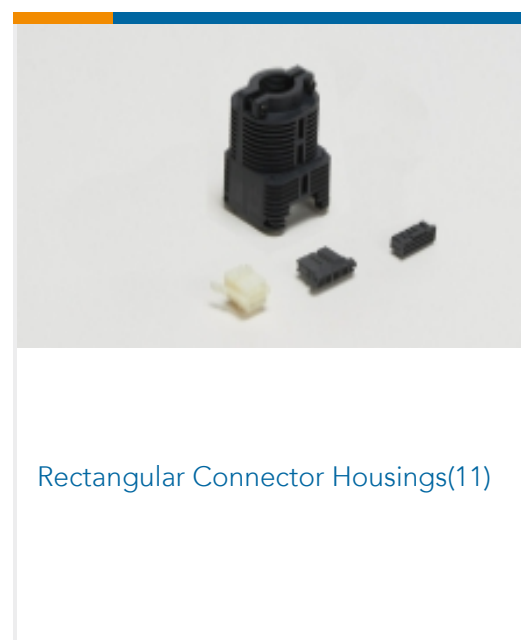
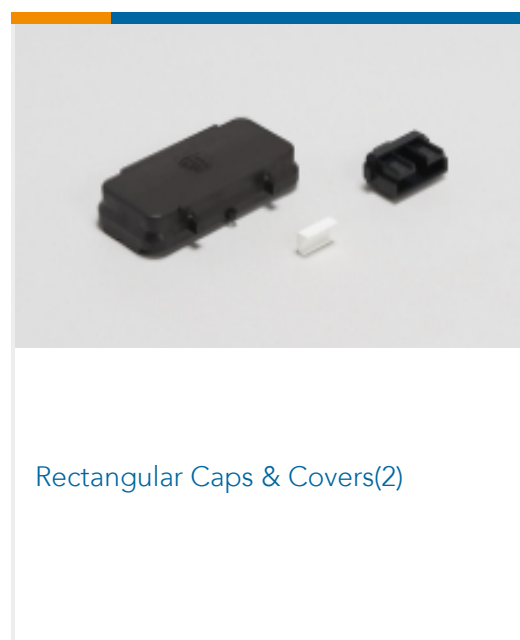
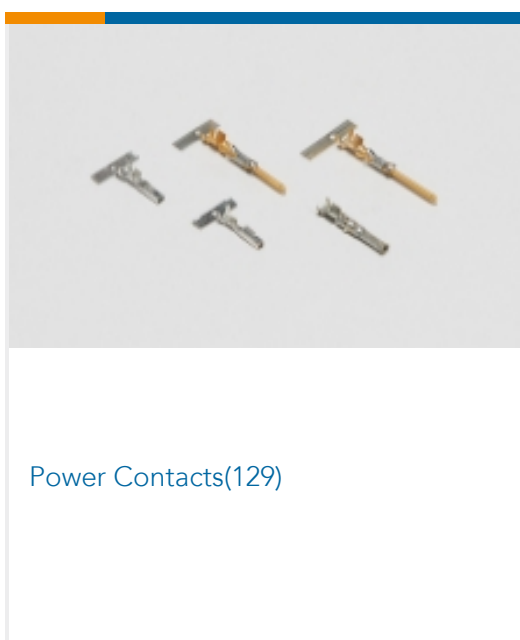
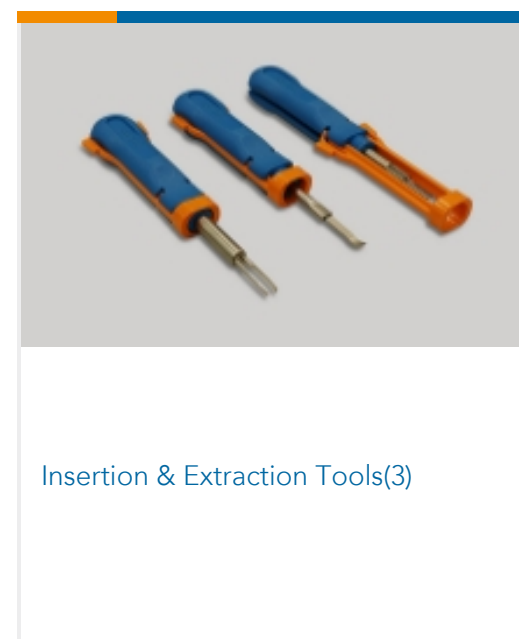
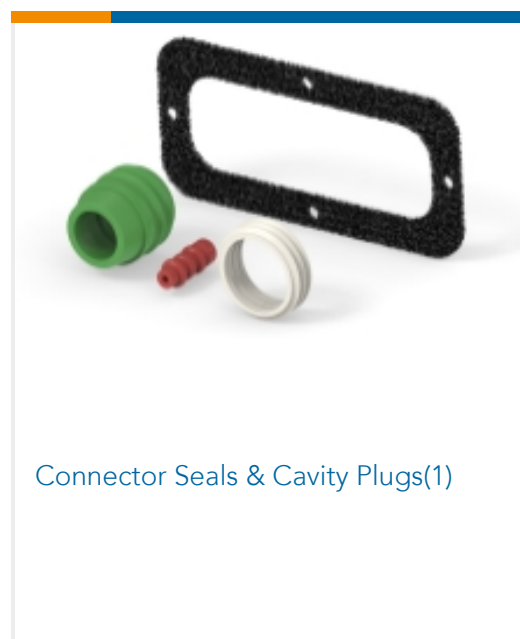
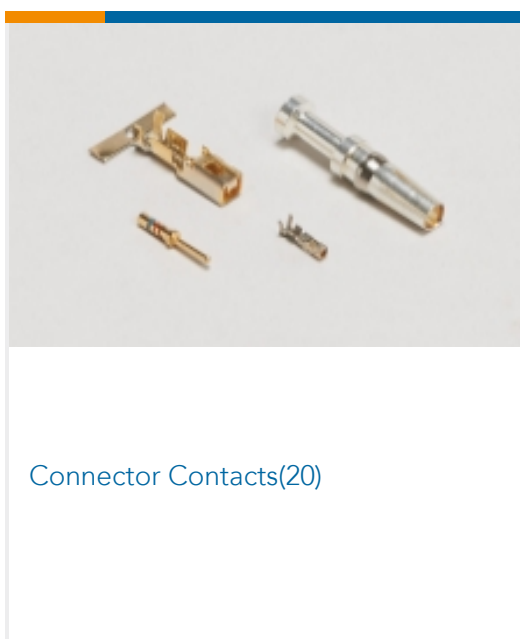
Product Compliance Disclaimer

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



Also in the Series | Commercial MATE-N-LOK





Standard Circular Connectors(2)



Standard Rectangular Connectors(7)



Wire-to-Board Connector Contacts(1)

Customers Also Bought



TE Part #T4141012041-000
M12,REAR MOUNTING,FEMALE,A
CODE,4P



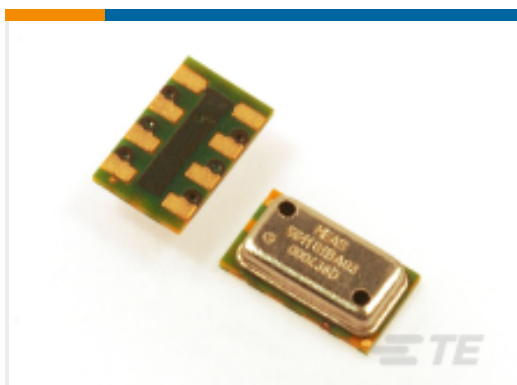
TE Part #1735447-4
HPI 2.0 RECEPTACLE HOUSING, 4P



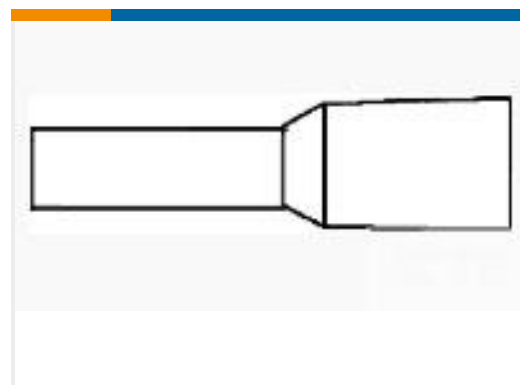
TE Part #2-2176055-1
RLP73N 2B R068 1% 1K RL



BATTERY C



TE Part #MS560702BA03-50
MS5607-02BA SS CAP ALTIMETER T&R



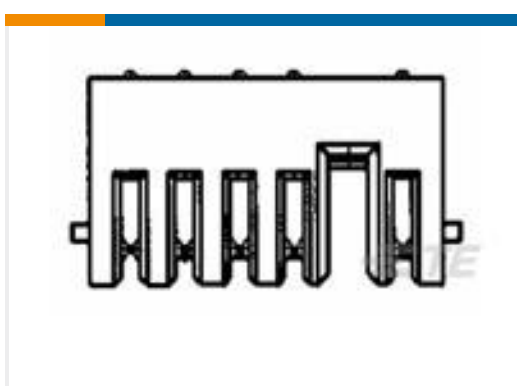
TE Part #966066-3
FER,WIRE,PL SLV, .34/22,L6,TURQOISE,
LP



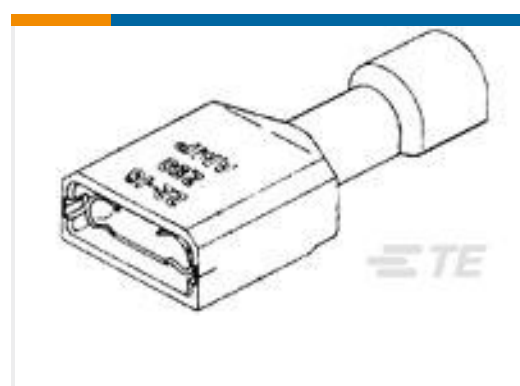
TE Part #1622826-3
CRG0402 5% 100R



TE Part #4-2176337-5
CRGCQ 0402 47K 1%



TE Part #1473971-2
REC ASS'Y V TYPE FOR 2.5MM PIT



TE Part #5-520183-2
ULTRA-FAST 250 ASY REC 22-18 AWG
TPBR

Documents

Product Drawings

[02P CMNL PC HDR ASSY RA V0](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_794120-2_C.3d_igs.zip](#)

English

[Customer View Model](#)



[ENG_CVM_794120-2_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794120-2_C.2d_dxf.zip](#)

English

3D PDF

3D

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794120-2_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794120-2_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794120-2_G.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English