



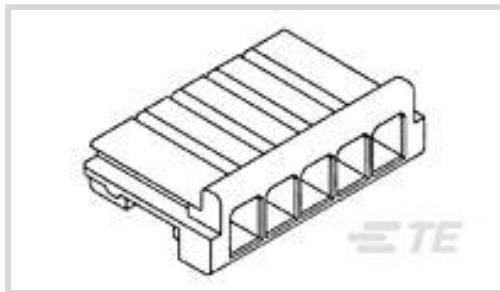
MIS

TE Internal #: 1-92009-0

10 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2.5 mm [.098 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power & Signal, MIS

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

Connector System: **Wire-to-Board**

UL Flammability Rating: **UL 94V-0**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	10
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VDC
-------------------	---------

**Body Features**

Primary Product Color	Natural
-----------------------	---------

**Contact Features**

Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	3 A

**Termination Features**

Termination Method to Wire & Cable	Crimp
------------------------------------	-------



### Mechanical Attachment

Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	2.5 mm [.098 in]
Housing Material	Nylon GF

### Dimensions

Connector Height	4.5 mm [.177 in]
Connector Length	27.5 mm [1.082 in]
Wire Size	.14 – .34 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
-----------------------------	-----------------------------

### Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Quantity	500
Packaging Method	Loose Piece

### 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	Low Halogen - Br, Cl, F, I < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

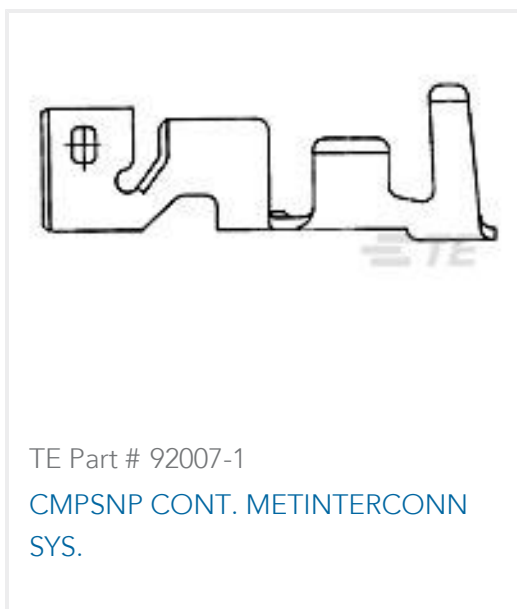
Solder Process Capability

Not applicable for solder process capability

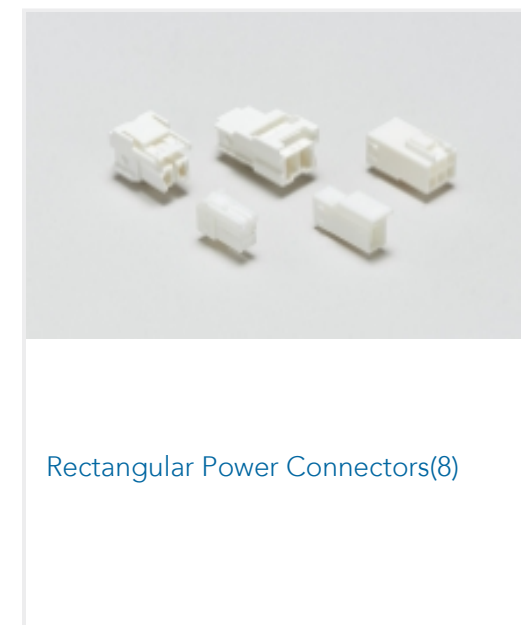
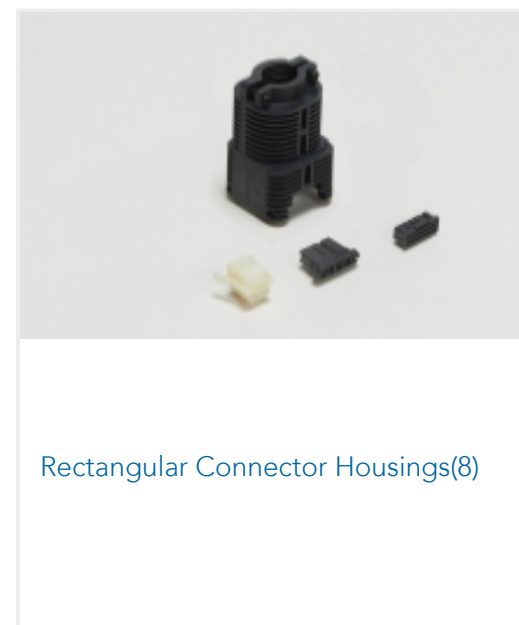
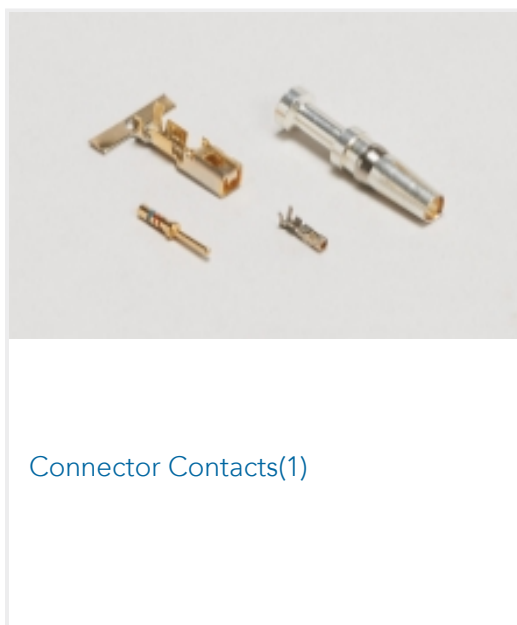
Product Compliance Disclaimer

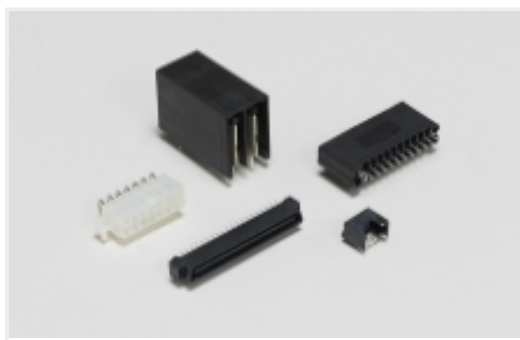
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



## Also in the Series | MIS

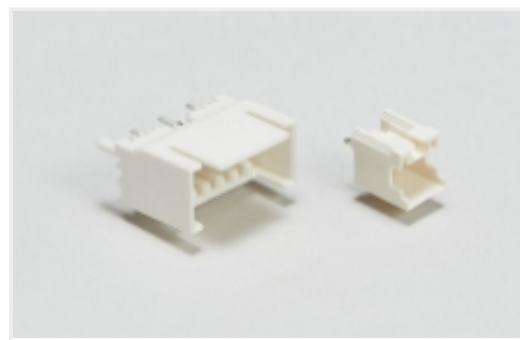




Standard Rectangular Connectors(11)

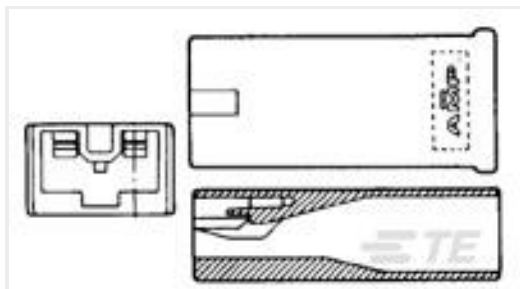


Wire-to-Board Connector Assemblies & Housings(11)



Wire-to-Board Headers & Receptacles (23)

### Customers Also Bought



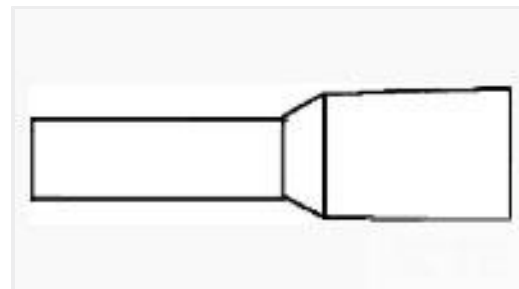
TE Part #179970-1  
250 HSG. PL EX REC.



TE Part #179973-1  
250 PL EX REC. 22-18AWG PTBR



TE Part #179974-1  
250 PL EX REC. 18-14AWG PTBR



TE Part #966144-6  
FER,WIRE,DBL,PL SLV,1.50/16,L8, BLACK,LP



TE Part #170046-2  
250 FASTON,REC.,16-14 AWG,TPBR

### Documents

#### Product Drawings

RCPT HSG METRIC INTERCONN SYS

English

#### CAD Files

3D PDF

English

Customer View Model

[ENG\\_CVM\\_1-92009-0\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-92009-0\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-92009-0\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



---

**Product Specifications**

**Application Specification**

English

**Crimp-Snap Metric Interconnect System**

English

---

**Agency Approvals**

**Agency Approval Document**

English