



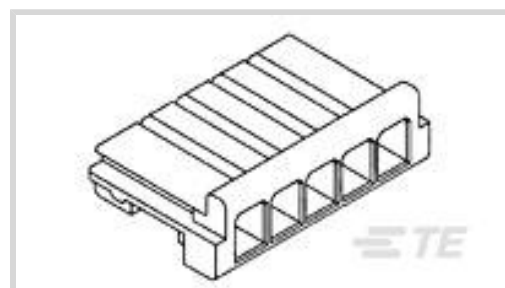
MIS

TE Internal #: 92009-6

Housing, Receptacle, Wire-to-Board, 6 Position, 2.5 mm [.098 in]
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,
MIS

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **6**

Centerline (Pitch): **2.5 mm [.098 in]**

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	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	17.5 mm [.688 in]
Connector Height	4.5 mm [.177 in]
Wire Size	.14 – .34 mm ²

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	1000
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: JUNE 2022 (224) Candidate List Declared Against: OCT 2008 (15) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

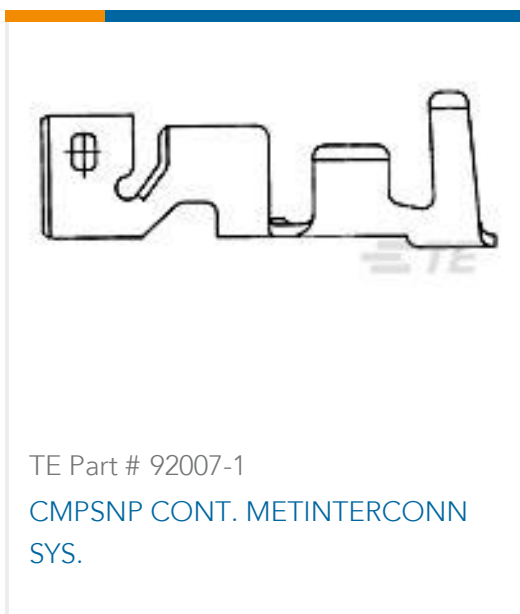
Solder Process Capability

Not applicable for solder process capability

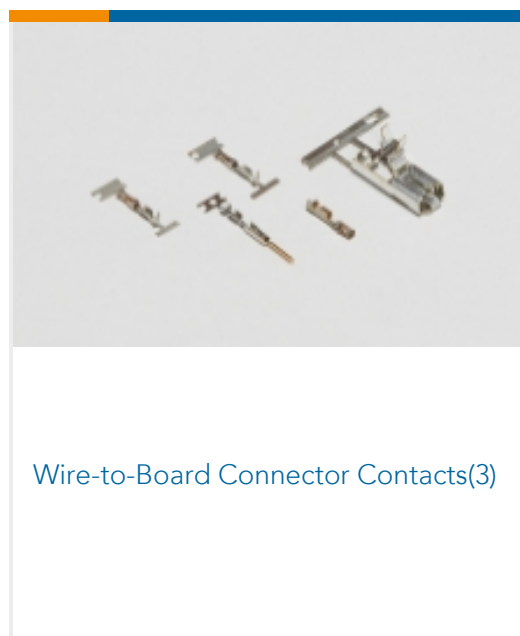
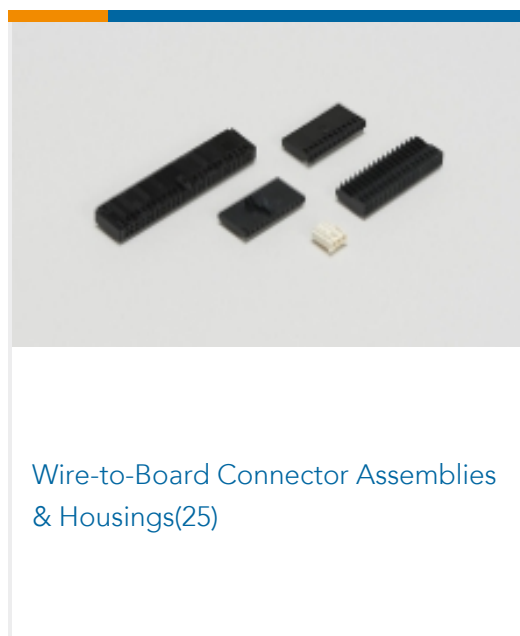
Product Compliance Disclaimer

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



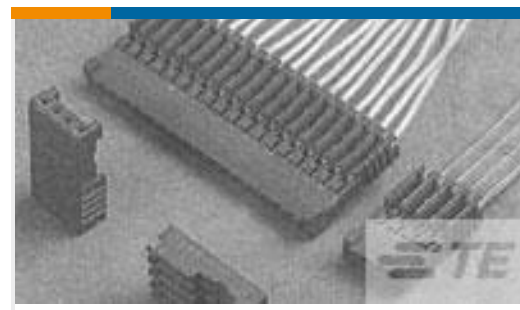
Also in the Series | MIS



Customers Also Bought



TE Part #281838-6
HOUSING HE13 HE14 COSI 6 P



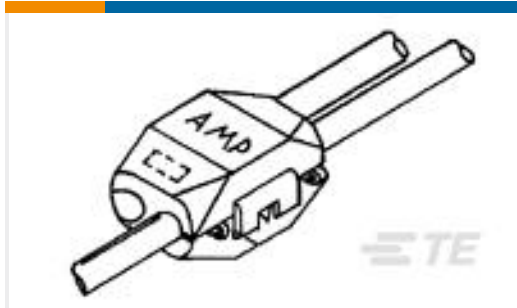
TE Part #281784-4
PLUG HE13 IDC 180 4 P AWG 26-24



TE Part #926299-3
5P UN-MNL STECKGEH



TE Part #926900-1
UNIV-MNL STIFT



TE Part #735410
ELECTRO TAP ASSY



TE Part #280050-7
250 FASTON, FLAG, REC., 16-20 AWG,
TPPB



TE Part #640715-1
06P UMNL STR/REL



TE Part #1-640415-1
UMNL KEYING PLUG V2 NATL



TE Part #2-962349-1
TIMER, CONNECTOR HOUSING

Documents

Product Drawings

[RCPT HSG METRIC INTERCONN SYS](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_92009-6_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_92009-6_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_92009-6_C.3d_stp.zip](#)

English

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Product Specifications



[Application Specification](#)

English

[Crimp-Snap Metric Interconnect System](#)

English

[Agency Approvals](#)

[Agency Approval Document](#)

English