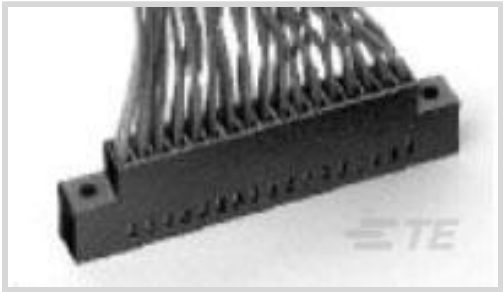




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **40**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	40
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Base Material	Beryllium Copper
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Retention	Without

Housing Features

Housing Material	Nylon - GF
Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Height	6.1 mm[.24 in]
Connector Length	63.5 mm[2.5 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Method	Package
Packaging Quantity	1

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

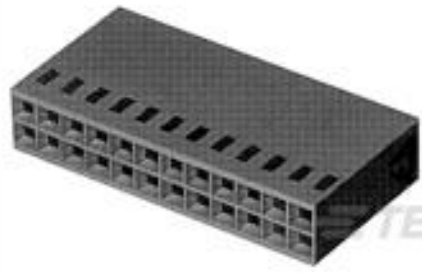
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

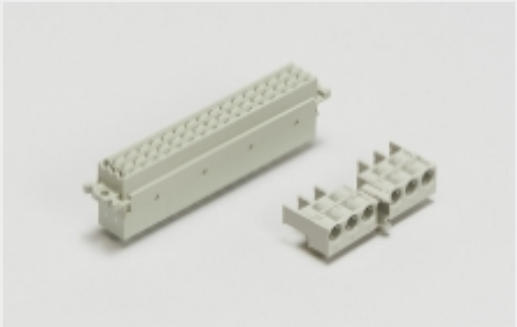
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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 # 86264-8
44 MODIV HSG COMP DR .100 EARS

Also in the Series | AMPMODU IV/V



Backplane Connector Housings(1)



Connector Caps & Covers(11)



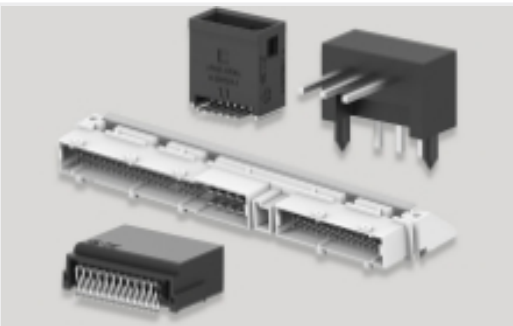
Connector Contacts(271)



Connector Hardware(10)



Insertion & Extraction Tools(4)



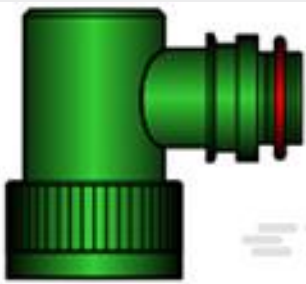
PCB Headers & Receptacles(517)



Power Contacts(207)

Customers Also Bought





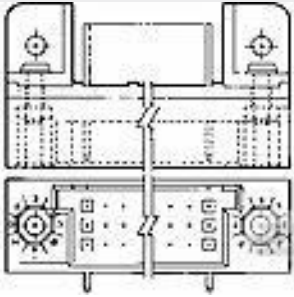
TE Part #405943-000
[TXR54AC90-1004BI](#)



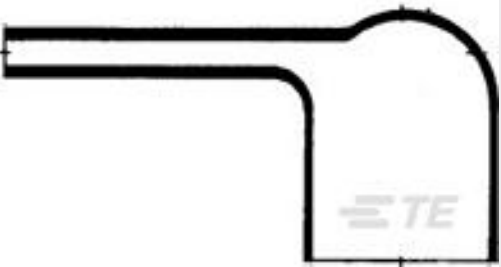
TE Part #653820-000
[TMS-SCE-1K-1/2-2.0-6](#)



TE Part #1617131-1
[JMSW-12XL = M39016/11-021L](#)



TE Part #533288-2
[HDI PIN ASSY 3 ROW 90 POS R/A](#)



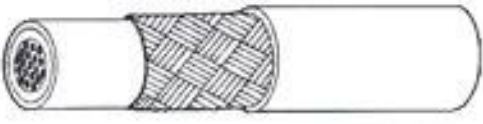
TE Part #806967-000
[224A113-51-0](#)



TE Part #668285-000
[D-110-00CS681](#)



TE Part #208550-4
[AMPLIMITE,ASY,RCPT,36C4,SN,CS,5](#)



TE Part #CB6966-000
[44A1111-24-9-91](#)

Documents

Product Drawings

[40 MODIV HSG COMP DR .100 EARS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-86264-0_U.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-86264-0_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-86264-0_U.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English

[Interconnection System, AMPMODU Mod IV, Male](#)

English

[Product Specification](#)

Japanese

[Product Specification](#)

English



Product Specification

English

Agency Approvals

UL

English