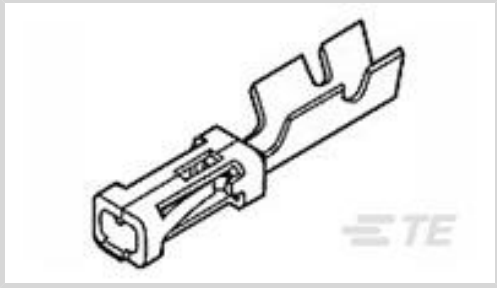




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**

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

Wire Size: **.12 – .4 mm²**

Features

Product Type Features

Applied Pressure	Intermediate
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	250 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
	30 μin
Contact Base Material	Copper Tin Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	3 A



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Accepts Wire Insulation Diameter Range	1.55 mm[.061 in]
Wire Size	.12 – .4 mm²

Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Approved Standards	CSA LR7189, UL E28476
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

Other

Comment	(*) For use with Model "K" machines. Call the Technical Assistance Center (1-800-522-6752) for any tooling questions.
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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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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

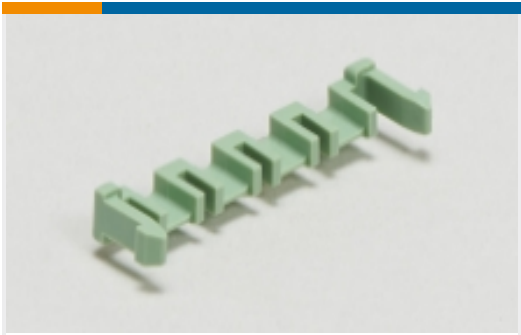
TE Part # 91517-1 CCII FEMALE MOD IV REC 24-22 ASSY	TE Part # 843996-3 TOOL, EXTRACTION RESET	TE Part # 58641-1 PRO-CRIMP TL & DIE MOD IV	TE Part # 58641-2 PROCRIMP DIE MOD IV

Also in the Series | AMPMODU IV/V

Automotive Housings(2)	Backplane Connector Housings(1)	Board-to-Board Connector Contacts(6)	Insertion & Extraction Tools(4)
PCB Connector Covers(18)	PCB Connector Keying(6)	PCB Connector Mounting(1)	PCB Connector Strain Relief(3)



PCB Headers & Receptacles(939)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(473)



Wire-to-Board Connector Contacts (328)

Customers Also Bought



TE Part #745254-6
20 DF PIN CONT L.P.



TE Part #745253-6
20 DF SOCKET CONT L.P.



TE Part #6609015-7
10EF1F=F7423 S0



TE Part #9-1625984-2
HSA50 R10 5%



TE Part #T1240160129-000
H16B-TGH-PG29



TE Part #102387-4
20 MODIV HSG COMP DR .100 POL



TE Part #926681-3
12P UNIV.CAP HSG.



TE Part #5-1393117-8
KUP-11D55-24=KU



TE Part #1-66361-3
III+ PIN,18-14,TIN,SMPACK



TE Part #5052944219
RNF-100-3/32-BK-SP

Documents



Product Drawings

MOD IV RECP LP LF

English

CAD Files

Customer View Model

ENG_CVM_5-103171-5_J.3d_igs.zip

English

Customer View Model

ENG_CVM_5-103171-5_J.3d_stp.zip

English

Customer View Model

ENG_CVM_5-103171-5_J.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_5-103171-5_032820181247_dmtec

English

MD_5-103171-5_032820181247_dmtec

English