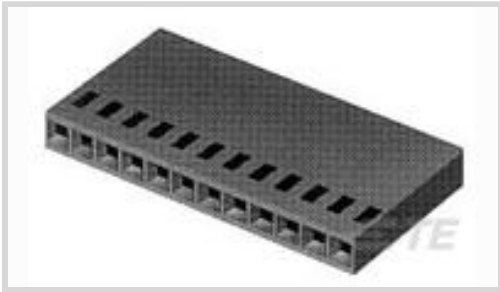




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **20**

Centerline (Pitch): **3.18 mm [ .125 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	20
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	Without
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Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	Nylon - GF
Centerline (Pitch)	3.18 mm[.125 in]
Housing Color	Black

Dimensions

Connector Length	63.11 mm[2.48 in]
Connector Height	3.08 mm[.12 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
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Packaging Features

Packaging Quantity	200
Packaging Method	Bag

Other

Comment	Cavity identification, AMP, part number and date code stamped on housing where size permits.
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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: JAN 2021 (211) Candidate List Declared Against: JUN 2016 (169) 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




TE Part # 86402-4  
12 MODIV HSG SR MRKD .125CL

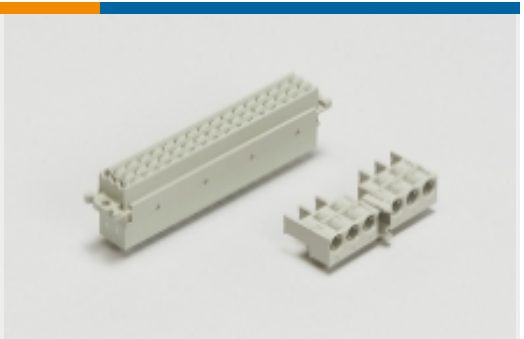
Also in the Series | AMPMODU IV/V




Automotive Headers(2)



Automotive Housings(4)



Backplane Connector Housings(1)



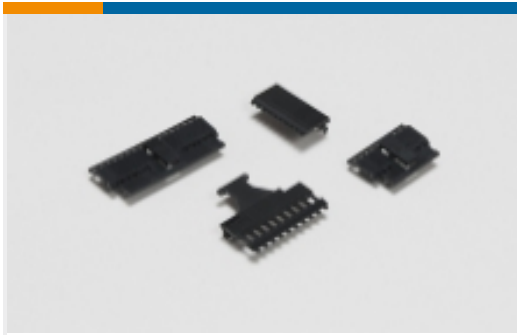
Board-to-Board Connector Contacts(6)



Board-to-Board Headers & Receptacles(937)



Insertion & Extraction Tools(4)



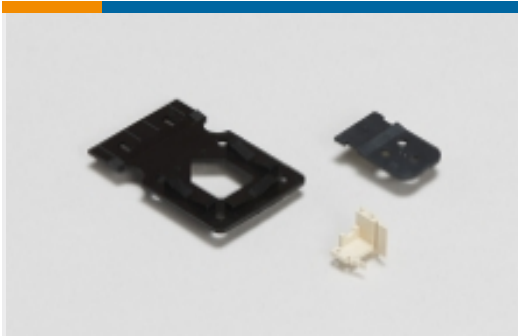
PCB Connector Covers(18)



PCB Connector Keying(6)



PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(472)



Wire-to-Board Connector Contacts (328)

Customers Also Bought



TE Part #1217917-2  
250 FASTON,LIF REC.,18-14 AWG,BR



TE Part #2-171706-1  
FASTON 250 INS POD NYLON NAT



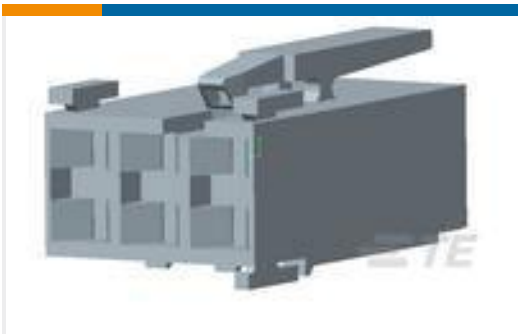
TE Part #5-520963-1  
ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



TE Part #1385724-3  
ULTRA POD FLAG .187



TE Part #1385813-3  
U.POD .250 SAPR110F220O DUAL



TE Part #2-1241817-3  
STD TIM HOUSING MKII 3POS



TE Part #440452-000  
RT-3-NO.1-0-2.25IN



TE Part #938365P002  
VERSAFIT-1/8-0-0.75IN-ST



TE Part #2-1123722-3  
3.96 EP PLUG HSG 3P(YELLOW)

Documents

Product Drawings

20 MODIV HSG SR MRKD .125CL

English

Product Specifications

Application Specification

English