

32P,2MM,REC,HSG,DR,CRIMP,LCK RAMP,
BOX ! PRELIMINARY

AMPMODU | AMPMODU 2 mm

TE Part # 3-2316109-2

TE Internal #: 3-2316109-2

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



Connector System: **Wire-to-Board**
Number of Positions: **32**
Centerline (Pitch): **2 mm [.079 in]**
Termination Method to Wire & Cable: **Crimp Snap-In**
Number of Rows: **2**

Features

Product Type Features

Connector System	Wire-to-Board
Row-to-Row Spacing	2 mm[.079 in]
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Style	Receptacle
Product Type	Housing
Connector Type	Housing

Configuration Features

Number of Detents	2
Number of Positions	32
Number of Rows	2

Electrical Characteristics

Operating Voltage	125
Insulation Resistance	1000 MΩ



Contact Features

Accepts Contact Type	Receptacle
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp Snap-In
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Mechanical Attachment

Contact Retention Type	Locking Lance
PCB Mount Alignment	Without
Mating Connector Lock	With
Panel Mount Feature	Without
Mating Connector Lock Type	Detent Windows
Mating Retention	With
Mating Retention Type	Locking Ramp
Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Retention	With

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black
Housing Style	Receptacle
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Wire Size	24 – 30 AWG
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Usage Conditions

Flame Retardant	Yes
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Approved Standards	UL E28476
UL File Number	E28476
UL Rating	Recognized
Agency/Standard	UL



UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tube
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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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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.

Also in the Series | [AMPMODU 2 mm](#)



Board-to-Board Headers & Receptacles(4749)



Wire-to-Board Connector Contacts(26)

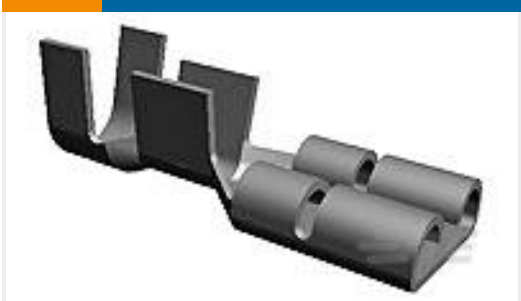


Wire-to-Board Connector Housings(139)

Customers Also Bought



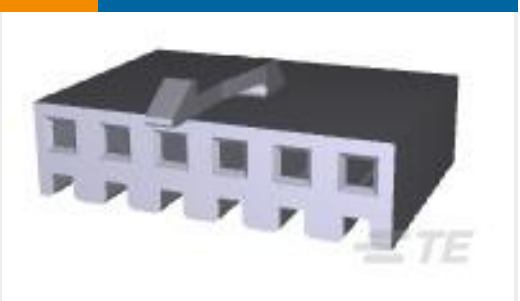
TE Part #4-928247-2
2P ST-TIMER GEH



TE Part #1217917-2
FASTON 250 14-18AWG BR



TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P NYLON GREEN



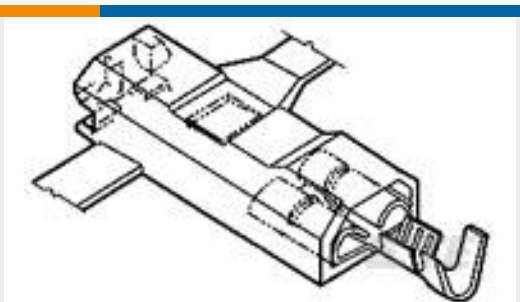
TE Part #770894-6
06P SL156 HSG W/THRU BD LATCH



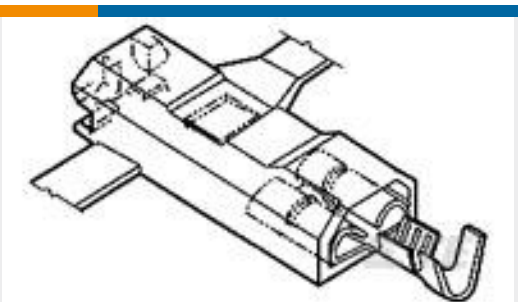
TE Part #1738494-1
FASTON 250 HSG INFINITE SW NYLON NAT



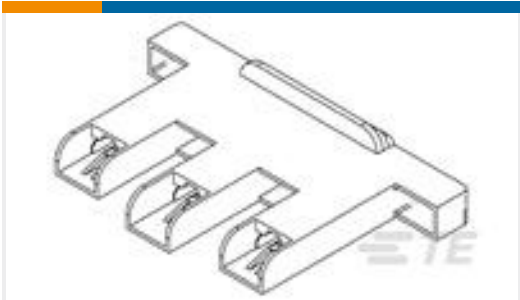
TE Part #1969117-1
HSG,3P,RAST 5 CRIMP R /A,SPECIAL



TE Part #5-520963-1
ULTRA-POD 250 ASSY REC 18-14 AWG BR



TE Part #521081-1
ULTRA-POD 250 ASSY REC 18-14 AWG BR



TE Part #521823-1
PL 187 HOUSING REC NYLON VO



TE Part #6-1123722-9
3.96 EP PLUG HSG 9P (GREEN)

Documents

Product Drawings

32P,2MM,REC,HSG,DR,CRIMP,LCK RAMP,BOX

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-2316109-2_1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_3-2316109-2_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-2316109-2_1.3d_stp.zip](#)

English

[Product Specifications](#)

[Application Specification](#)

English