

5-102398-7

✓ ACTIVE

AMPMODU

TE Internal #: 5-102398-7

Connector Assembly, Receptacle, Wire-to-Board, 18 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 2 Row, Black, Wire & Cable

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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **18**

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

Features

Electrical Characteristics

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

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, CSA LR7189
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Tray
Packaging Quantity	130

Contact Features

Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket

Contact Current Rating (Max)	3 A
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Dimensions

Compatible Insulation Diameter Range	1.27 mm[.05 in]
Connector Height	6.1 mm[.24 in]
Wire Size	26 – 22 AWG
Connector Length	22.86 mm[.9 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

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

Product Type Features

Applied Pressure	Standard
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	18
Number of Rows	2

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Usage Conditions

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

Circuit Application

Signal

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

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 2024
(241)Candidate List Declared Against: JUNE
2024 (241)

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 # 58074-1
MTA 50/100/156 MANUAL TOOL
FRAME

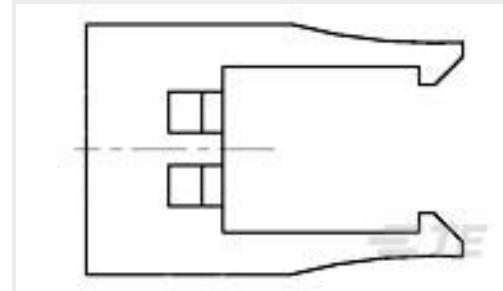
Customers Also Bought



TE Part #770849-5
05P SL156 HSG W/LCK RMP & HSG



TE Part #499252-7
060 STRAIN RELIEF A-L RCPT



TE Part #926477-1
RETENTION FORK



TE Part #1-1658621-1
60 NOVO MIL/CTR 15DP,LEAD FREE



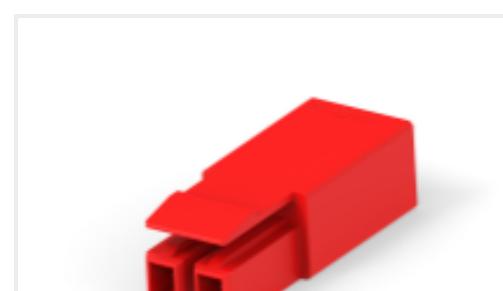
TE Part #2834048-1
PLUG, 2P LATCHED POKE-IN WTW CONN.NL



TE Part #2834048-2
PLUG, 2P LATCHED POKE-IN WTW CONN.BK



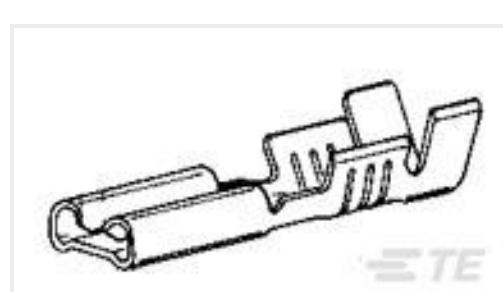
TE Part #2834048-3
PLUG, 2P LATCHED POKE-IN WTW CONN.OE



TE Part #2834048-4
PLUG, 2P LATCHED POKE-IN WTW CONN.RD



TE Part #214345-E
SMCB 12 F AB VV 6-01 VH * 0008 137 E002



TE Part #160666-5
110 FASTON,REC.,26-22 AWG,TPBR

Documents

Product Drawings

[18 AMPMODU MT ASSY DR .100CL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-102398-7_U.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-102398-7_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-102398-7_U.3d_stp.zip](#)

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