



AMPMODU

TE Internal #: 102394-7

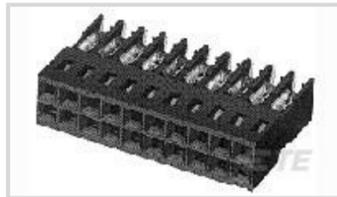
Housing, Receptacle, Wire-to-Board, 18 Position, 2.54mm [.1in]

Centerline, 2 Row, Row-to-Row Spacing .1 in [2.54 mm], Black

Housing Color

[View on TE.com >](#)

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: **18**

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

Features

Product Type Features

Connector Product Type	Housing
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

Electrical Characteristics

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

Contact Features

Contact Current Rating (Max)	3 A
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Mechanical Attachment

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



Housing Features

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

Dimensions

Connector Length	22.86 mm [.9 in]
Connector Height	6.1 mm [.24 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

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

Packaging Features

Packaging Quantity	140
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) 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>

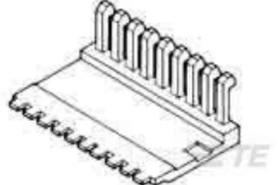
Compatible Parts



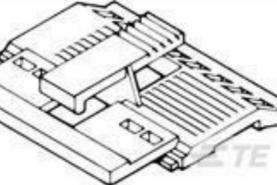
TE Model / Part # 5-102617-7
18 MODII HDR DRRR SHRD LF



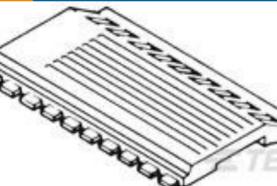
TE Model / Part # 5-103168-7
18 MODII HDR DRST SHRD .100CL



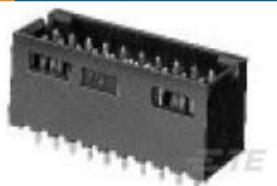
TE Model / Part # 102536-7
18 AMPMODU MT COVER DR .100CL



TE Model / Part # 102681-4
18 AMPMODU MT COVER DR .100CL



TE Model / Part # 102541-7
18 AMPMODU MT COVER DR .100CL



TE Model / Part # 5-102618-7
18 MODII HDR DRST SHRD .100CL



TE Model / Part # 5-103166-7
18 MODII HDR DRRR SHRD LF



TE Model / Part # 102396-7
18 AMPMODU MT COVER DR .100CL



TE Model / Part # 102537-7
18 AMPMODU MT COVER DR .100CL

Customers Also Bought



TE Model / Part #6-1879501-2
CRGH2512 5% 360R 2W



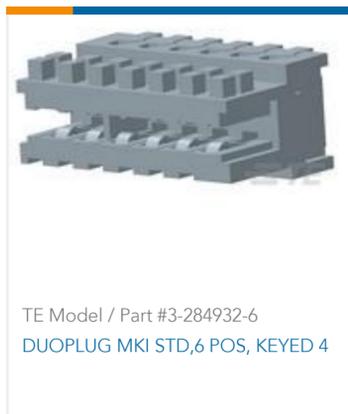
TE Model / Part #1-1355181-6
DUOPLUG2,5GEH 6P 8X



TE Model / Part #2-102541-8
60 AMPMODU MT COVER DR .100CL



TE Model / Part #2150898-2
OC-AT-E-FA-130F160OV-040-0843



TE Model / Part #3-284932-6
DUOPLUG MKI STD,6 POS, KEYED 4



TE Model / Part #2176394-2
51T 1K0 20% LINEAR 10K MOQ



TE Model / Part #6-535585-0
20 MODIV VRT DR CE RCPT ASSY



TE Model / Part #647401-7
07P SL156 HSG W/RAMP,LRG OPEN



TE Model / Part #7-2150898-7
OC-130F160OV-CRIMPTOOLINGKIT



TE Model / Part #9-1740154-6
DUOPLUG MKII FEMALE HSG WITH
PCB LOCKING

Documents

Product Drawings

[18 AMP MODU MT HSG DR .100CL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_102394-7_V.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_102394-7_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_102394-7_V.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

Agency Approvals

UL Report

English