



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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Number of Positions: **2**

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

Termination Method to Wire & Cable: **Crimp, Insulation Displacement Crimp (IDC)**

Features

Product Type Features

Applied Pressure	Standard
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Termination Resistance	15 mΩ
Dielectric Withstanding Voltage (Max)	600 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	267 V

Contact Features

Contact Layout	Inline
Contact Type	Socket
PCB Contact Termination Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	3 A
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Termination Features

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

Strain Relief	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch
Mating Retention	With

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black

Dimensions

Connector Length	50.8 mm[2 in]
Connector Height	5.08 mm[.2 in]
Accepts Wire Insulation Diameter Range	1.37 mm[.054 in]
Wire Size	.12 – .4 mm²
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C
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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	110
Packaging Method	Tube

Other

Comment	Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators., Ribbon Cable Notched handles 22-28 AWG
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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	Not Yet Reviewed
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 2020 (205) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2017 (174)
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 Model / Part # 58336-1
HEAD (IDC) MODU MTE W/O TL

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

TE Model / Part # 843477-1
TOOL, EXTRACTION RESET



Also in the Series | AMPMODU MTE



PCB Connector Shrouds(40)



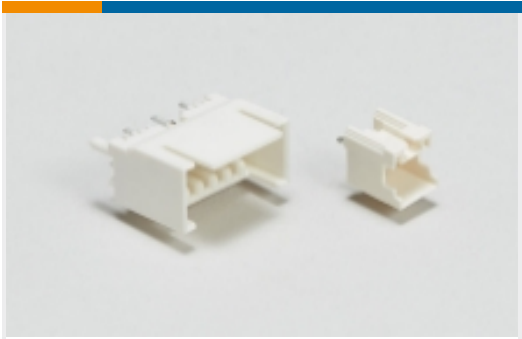
Ribbon Connector Accessories(1)



Wire-to-Board Connector Assemblies & Housings(589)



Wire-to-Board Connector Contacts(32)



Wire-to-Board Headers & Receptacles (738)

Customers Also Bought



TE Model / Part #770902-4
MINI UMNL SOCK 26-22 AWG SN



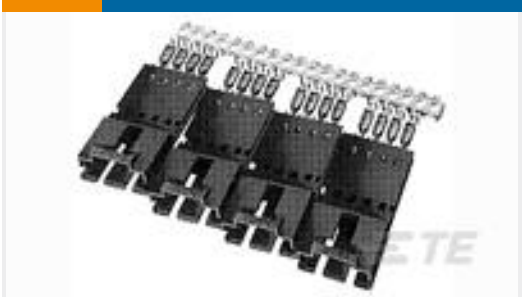
TE Model / Part #3-641220-4
04P MTA156 CONN ASSY 24AWG LF



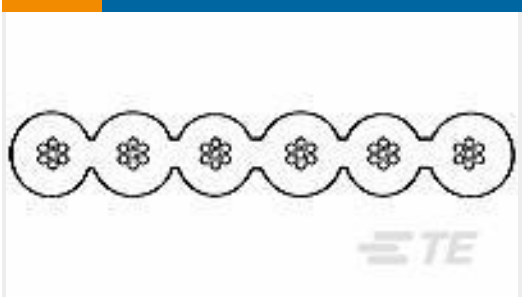
TE Model / Part #5-103961-4
4X5 MTE RCPT SR LATCH .100CL



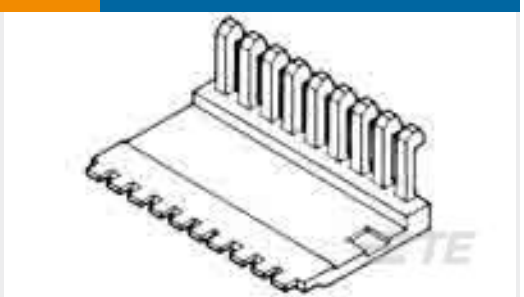
TE Model / Part #8-55851-2
16-14 PRE-INSUL SEALED TERM R



TE Model / Part #5-103948-4
4X5 MTE SHRD PIN SR LATCH .100



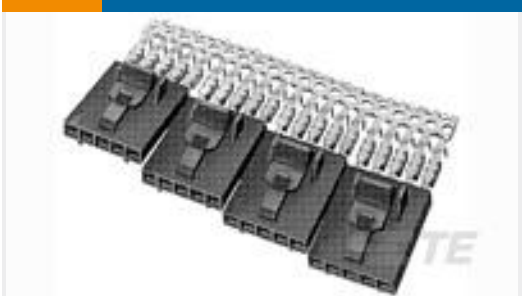
TE Model / Part #2-57051-9
Madison Spec 100-7096 Rev. 3



TE Model / Part #102536-1
06 AMPMODU MT COVER DR .100CL



TE Model / Part #3-644574-2
02P MTA100 CONN ASSY BLK LF



TE Model / Part #1-103958-3
8X3 MTE RCPT SR LATCH .100CL



TE Model / Part #3-641151-4
04P MTA156 ASSY 24AWG WHT LF



Documents

Product Drawings

10X2 MTE RPT SR LATCH .100CL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-103958-2_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-103958-2_P.3d_igs.zip

English

Customer View Model

ENG_CVM_1-103958-2_P.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English