



AMP | Multilock Connector System

TE Internal #: 1-85112-2

Housing for Male Terminals, Wire-to-Wire, 13 Position, .138 in [3.5 mm] Centerline, Black, Power & Signal, Multilock Connector System

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Connectors > Automotive Connectors > Connector Housings > MULTILOCK, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Male Terminals**

Mating Tab Width: **1.8 mm, 6.3 mm [.071 in, .25 in]**

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

Number of Positions: **13**

Centerline (Pitch): **3.5 mm [.138 in]**

[All MULTILOCK, CONNECTOR HOUSING \(573\)](#)

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	13
Number of Rows	3

Body Features

Cable Exit Angle	180°
Body Material	PBT
Primary Product Color	Black



Contact Features

Contact Size	1.8mm, 6.3mm
Contact Type	Tab
Mating Tab Width	1.8 mm, 6.3 mm [.071 in][.25 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Polarized
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.5 mm [.138 in]
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Dimensions

Product Width	43.1 mm [1.697 in]
Product Length	35.5 mm [1.398 in]
Product Height	36.3 mm [1.429 in]
Row-to-Row Spacing	5.2 mm [.205 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C [158 °F][167 °F] [176 °F][185 °F]
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

 <p>TE Part # 170340-1 FF 250 TAB 20-14AWG BR WITHOUT LATCH</p>	 <p>TE Part # 170341-3 FF 250 TAB 14-12AWG PTBR WITHOUT LATCH</p>	 <p>TE Part # 170349-2 FF 250 TAB 22-20AWG TPBR WITHOUT LATCH</p>	 <p>TE Part # 170340-3 FF 250 TAB 20-14AWG PTBR WITHOUT LATCH</p>
 <p>TE Part # 170341-1 FF 250 TAB 14-12AWG BR WITHOUT LATCH</p>	 <p>TE Part # CAT-M9194-T273 MULTILOCK, RECEPTACLE AND TAB</p>	 <p>TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING</p>	 <p>TE Part # 170349-1 FF 250 TAB 22-20AWG BR WITHOUT LATCH</p>

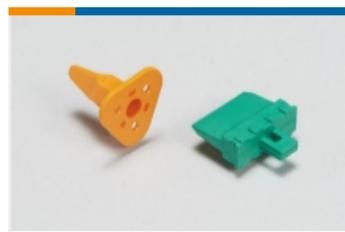
Also in the Series | Multilock Connector System



Automotive Connector Caps & Covers (16)



Automotive Connector EMC Shielding (1)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(572)



Automotive Seals & Cavity Plugs(2)



Automotive Terminals(140)



Insertion & Extraction Tools(6)



Other Automotive Connector Accessories(9)



PCB Headers & Receptacles(127)

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1-85112-2_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-85112-2_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-85112-2_F.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MULTILOCK Connector System](#)

English



Product Specifications

070 250 HYB Series

English