



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



Number of Positions: 22

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

Mating Tab Width: 1 mm, 1.8 mm [.039 in, .071 in]

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

Centerline (Pitch): 3 mm, 3.5 mm [.11 in, .13 in]

[All MULTILOCK, CONNECTOR HOUSING \(125\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	No
Primary Locking Feature	Integrated in Housing
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	22
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
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Body Features

Cable Exit Angle	180°
Primary Product Color	White

Contact Features

Contact Size	1.8mm, 1mm
Contact Type	Receptacle
Mating Tab Width	1 mm, 1.8 mm [.039 in][.071 in]

Mechanical Attachment

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

Housing Features

Housing Material	PBT
Centerline (Pitch)	3 mm, 3.5 mm [.11 in][.13 in]

Dimensions

Row-to-Row Spacing	5.2 mm [.2 in]
Product Width	28 mm [1.1 in]
Product Length	36.1 mm [1.42 in]
Connector Height	21 mm [.82 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	50
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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



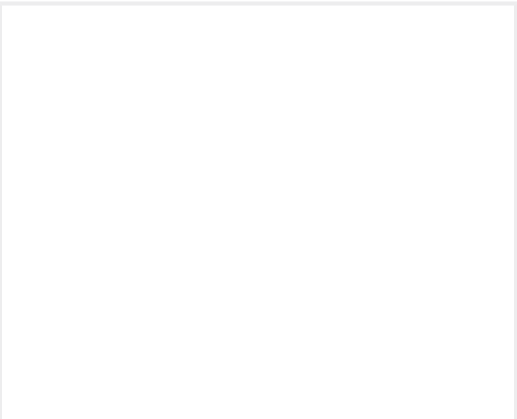
TE Part # CAT-M9194-T273
MULTILOCK, RECEPTACLE AND TAB



TE Part # CAT-LMPH9507
Low & Medium Power Header



TE Part # CAT-HPCH5372
High Pin Count Header



TE Part # 2005197-1
040/070 HYB 64P HDR ASSY



TE Part # 175061-2
040 HDIO REC CONTACT GOLD L/P

TE Part # 178780-1
040/070 HYBRID CAP ASSY 76P

TE Part # 175026-1
070 REC CONTACT L.P 24-22

TE Part # 175446-1
HYBRID CAP ASSY 42P NATURAL

TE Part # 8-5177609-1
HYBRID I/O CAP ASSY 64P NATURA

TE Part # 4-177771-6
04/07 HYBRID CAP ASSY 76P

TE Part # 174917-2
HYBRID I/O CONN CAP ASSY 48P

TE Part # 345208-1
070 SERIES RECEPT.

TE Part # 9-175444-1
040/070 HYBRID CAP ASSY 34P

TE Part # 174917-1
HYBRID I/O CONN CAP ASSY 48P

Also in the Series | Multilock Connector System

Automotive Connector Caps & Covers (5)

Automotive Headers(75)

Automotive Housings(138)

Automotive Terminals(76)

Insertion & Extraction Tools(6)

Other Automotive Connector Accessories(5)

PCB Headers & Receptacles(75)

Rectangular Power Connectors(6)



Wire-to-Board Headers & Receptacles (73)

Customers Also Bought



TE Part #2298627-1
24POS,HYBRID,TAB HSG ASSY,
UNSLD,COD A



TE Part #CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING



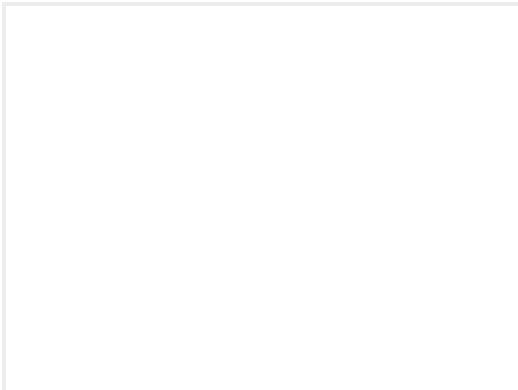
TE Part #2301239-1
DTB TAB HSG ASSY, 49POSN.,
FAKRA TYPE



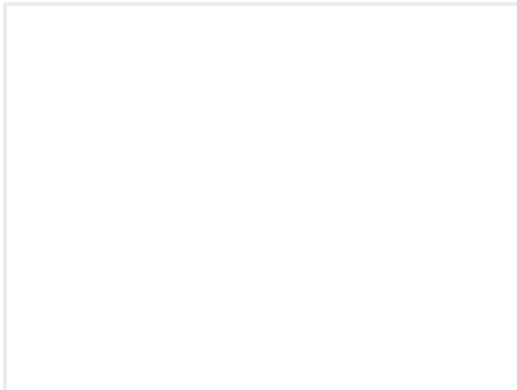
TE Part #2304884-1
16POS,HYBRID,REC HSG ASSY,SLD,
COD 1



TE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TAB



TE Part #1-2437449-1
6POS,MQS,REC HSG,COD A



TE Part #1-2355514-8
4POS,MCON 1.2,REC HSG ASSY,SLD,
COD A



TE Part #2297494-1
MQS ONE PIECE TAB 0.22~0.35 EMEA
COD A

Documents

Product Drawings

040/070 HYBRID PLUG 22P WHITE

Japanese

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_174515-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_174515-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_174515-1_D.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

Product Specification

English

Instruction Sheets

HYBRID I/O CONNECTOR

English

HYBRID I/O CONNECTOR

English

HYBRID I/O CONNECTOR

English

HYBRID I/O CONNECTOR

English