2005330-1 ✔ ACTIVE

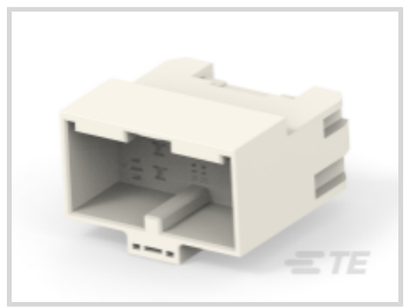
MULTILOCK

TE Internal #: 2005330-1

12 V, 24 Position, Automotive Housing for Male Terminals, Wire-to-Wire, 18 mm / 2.2 mm / 29 mm [.087 in / .709 in / 1.14 in] Centerline, Natural

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V**

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

Number of Positions: **24**

Sealable: **No**

Operating Temperature Range: **-40 – 130 °C, -30 – 105 °C [-40 – 266 °F, -22 – 221 °F]**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Primary Locking Feature	Locking Lance, On the Terminal
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	24
Number of Rows	3

Electrical Characteristics

Nominal Voltage Architecture	12 V

Body Features

Primary Product Color	Natural

Contact Features

Contact Size	.64mm, 2.3mm, 2.8mm
Contact Type	Tab
Mating Tab Width	.64 mm, 2.3 mm, 2.8 mm[.02 in][.09 in][.11 in]
Contact Current Rating (Max)	30 A

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)	2.2 mm, 18 mm, 29 mm[.087 in][.709 in][1.14 in]

Dimensions

Row-to-Row Spacing	3 mm, 5 mm, 10 mm[.118 in][.197 in][.394 in]
Product Width	39.5 mm[1.55 in]
Product Length	40.2 mm[1.58 in]
Connector Height	26.65 mm[1.04 in]

Usage Conditions

Operating Temperature Range	-40 – 130 °C, -30 – 105 °C[-40 – 266 °F][-22 – 221 °F]
Operating Temperature (Max)	105 °C, 130 °C[221 °F][266 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Tray
Packaging Quantity	280

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1366865-1
EXT-TOOL FOR 025 TAB

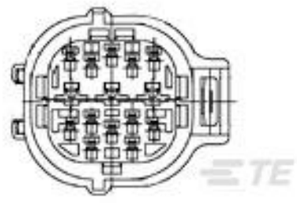


TE Part # 1-1579007-6
EXTRACTION TOOL

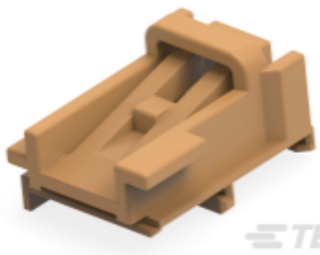


TE Part # 755430-2
EXT,TOOL ASSY

Customers Also Bought



TE Part #2-85262-1
E-S MK-2(+) 15P PLUG ASSY



TE Part #1534149-2
MQS RETAINER,BROWN



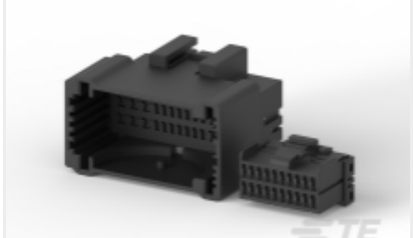
TE Part #2109005-2
060 TAB(S) CONT



TE Part #2278598-3
12POS MQS REC



TE Part #2322347-1
12POS,HYBRID,REC HSG,UNSLD, COD 1



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



TE Part #936397-5
2.8MM SLD 6P PLUG RETAINER YEL



TE Part #2109102-2
MQS SLD 4P CAP HSG

Documents

Product Drawings

025/090/110 HYB 24P CAP ASSY

English

CAD Files

Customer View Model

ENG_CVM_CVM_2005330-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2005330-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2005330-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English