1802105-3 ✔ ACTIVE

MATEnet

TE Internal #: 1802105-3

Cable-to-Board / Cable-to-Cable, Sealable, 180° Cable Exit, 1 Position, C Code, Housing for Female Terminals, Data Connectivity Housings

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Housings







Connector System: **Cable-to-Board, Cable-to-Cable**

Sealable: **Yes**

Cable Exit Angle: **180°**

Number of Positions: **1**

Connector & Keying Code: **C**

Features

Product Type Features

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

Configuration Features

Snap-Lock	With
Number of Rows	1
Number of Positions	1

Electrical Characteristics

Impedance	100 Ω
Nominal Voltage Architecture	60 V

Body Features

Ferrule	Without
Cable Exit Angle	180°
Connector & Keying Code	C

Contact Features

Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.016 in]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

Housing Color	Blue
Centerline (Pitch)	1.8 mm[.071 in]

Dimensions

Product Length	17.45 mm[.687 in]
Connector Height	11.4 mm[.45 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[221 °F]
Cable Type	UTP
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Operating Frequency Range	0 – .6 GHz
Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Quantity	500
Packaging Method	Box

Other

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) SVHC > Threshold: Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) **Article Safe Usage Statements:** Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2344044-2
2 PORT HDR SEALED MATENET ASSY, COD B/C

TE Part # 2302450-1
MATENET, FEMALE INSERT MODUL, BLACK



TE Part # 2-1703930-4
NANOMQS, RECEPTACLE TERMINAL



TE Part # CAT-M8793-T273
MQS, RECEPTACLE AND TAB



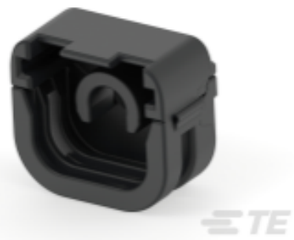
TE Part # 4-1579014-0
CS11K NANO-MQS, 0.13-0.35 SQ.M



TE Part # 1802112-2
MATENET SWS FOR UTP-STP



TE Part # 1-2302450-1
MATENET, FEMALE INSERT MODUL, BLACK



TE Part # 1802110-2
COVER,MATENET SEALED PROTECTION, STP

Customers Also Bought



TE Part #160917-4
FF 250 REC 1-2.5MM2 TPPB



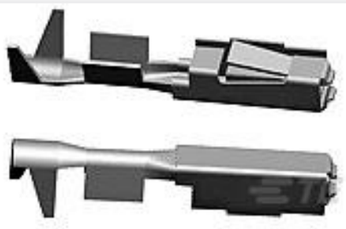
TE Part #350218-6
UMNL PIN 20-14 .0125AUPHBZ



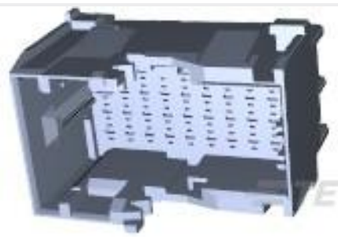
TE Part #794615-4
PANEL MT DBL ROW HSG 4 POS



TE Part #926647-3
UNIV.M-N-L.CAP HSG



TE Part #5-963715-6
MQS0,63 Ag rec LL unseal. 0,5-0,75



TE Part #1-1718492-3
1.5MM TAB HSG 36 POS ASSY



TE Part #1-1719393-1
8POS, MCON 1.2 LL REC SEALED



TE Part #1743282-1
8POS MQS REC COD A



TE Part #2112046-2
COVER,90,FOR 26POS



TE Part #341352
ALTERNATOR CONN.HSG.BLACK

Documents

Product Drawings

1PORT,MATENET,REC HSG,SLD,COD C,UTP,ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1802105-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1802105-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1802105-3_C.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