2354957-1 ✔ ACTIVE

MATEnet
TE Internal #: 2354957-1

Wire-to-Wire, Sealable, 180° Cable Exit, 2 Position, A Code, Housing for Male Terminals, 1.8 mm [.071 in] Centerline, Data Connectivity Housings

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Housings

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

Sealable: **Yes**

Cable Exit Angle: **180°**

Number of Positions: **2**

Connector & Keying Code: **A**

Features

Product Type Features

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

Configuration Features

Snap-Lock	With
Number of Rows	1
Number of Positions	2

Electrical Characteristics

Operating Voltage	60 VDC

Body Features

Ferrule	With

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Body Material	PBT GF
Cable Exit Type	Straight to Straight
Cable Exit Angle	180°
Connector & Keying Code	A

Contact Features

RF Connector Center Contact Plating Material	Silver (Ag)
Contact Mating Area Plating Material	Silver (Ag)
Center Contact	With
Contact Type	Tab
Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Product Width	20.4 mm[.8 in]
Product Length	57.67 mm[2.271 in]
Connector Height	13.5 mm[.531 in]

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Cable Type	UTP
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Operation/Application

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

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Industry Standards

IP Rating	IPX9K
Compatible With Agency/Standards Products	LV214

Packaging Features

Packaging Method	Tray

Other

Connector Position Assurance Capable	No
Dielectric Material	PA

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 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

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TE Part # 1670728-1
RADIAL SEAL 6 X 3
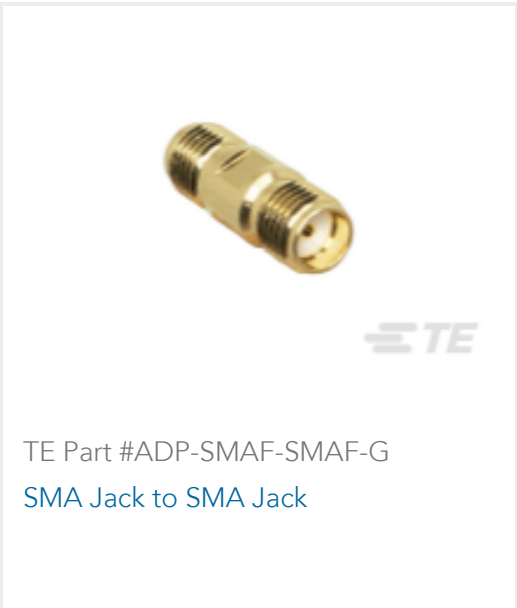
TE Part # 2354960-1
Matenet sealed inliner SWS

TE Part # 1802110-1
COVER,MATENET SEALED PROTECTION, UTP

TE Part # 2348651-1
BLIND PLUG SEALED, MATENET, ASSY

Customers Also Bought

TE Part #ADP-SMAF-SMAF-G
SMA Jack to SMA Jack
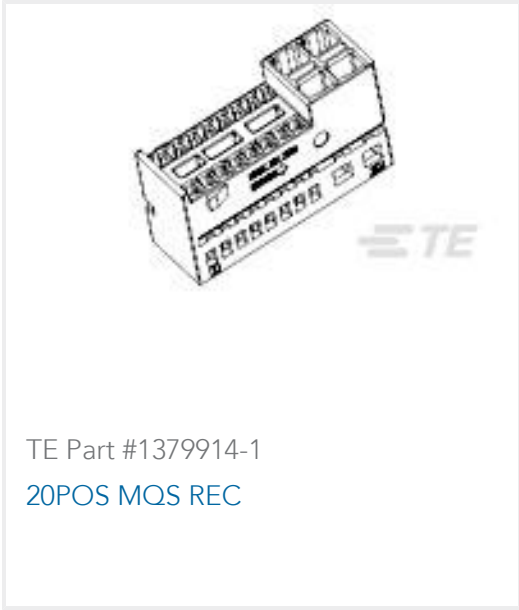
TE Part #504325-E
MCBA 16 M * SMD 137 * 176 * GURT J 2 5

TE Part #515898-E
MCBA 4 M * SMD 137 * 176 * GURT C2 J 2 5

TE Part #953118-3
40pos MQS .63 header 180deg

TE Part #5-963716-1
MQS0,63 Sn tab LL unseal. 0,5-0,75

TE Part #1379914-1
20POS MQS REC

TE Part #1379918-1
COVER FOR 20W TAB HSG

TE Part #4-1456426-1
4POS, MCON 1.2 CB REC 2p TL SEALED

TE Part #2-1564559-2
4POS, MCON 1.2 LL TAB SEALED COD B

TE Part #2317537-1
2X11POS,NANOMQS,ASSY,180DEG, SMD,COD A

Documents

Product Drawings
Matenet Sealed Inliner Assy, Code A

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2354957-1_B.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_2354957-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2354957-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

DATA CONNECTIVITY SOLUTIONS

English

Product Specifications

Application Specification

English