



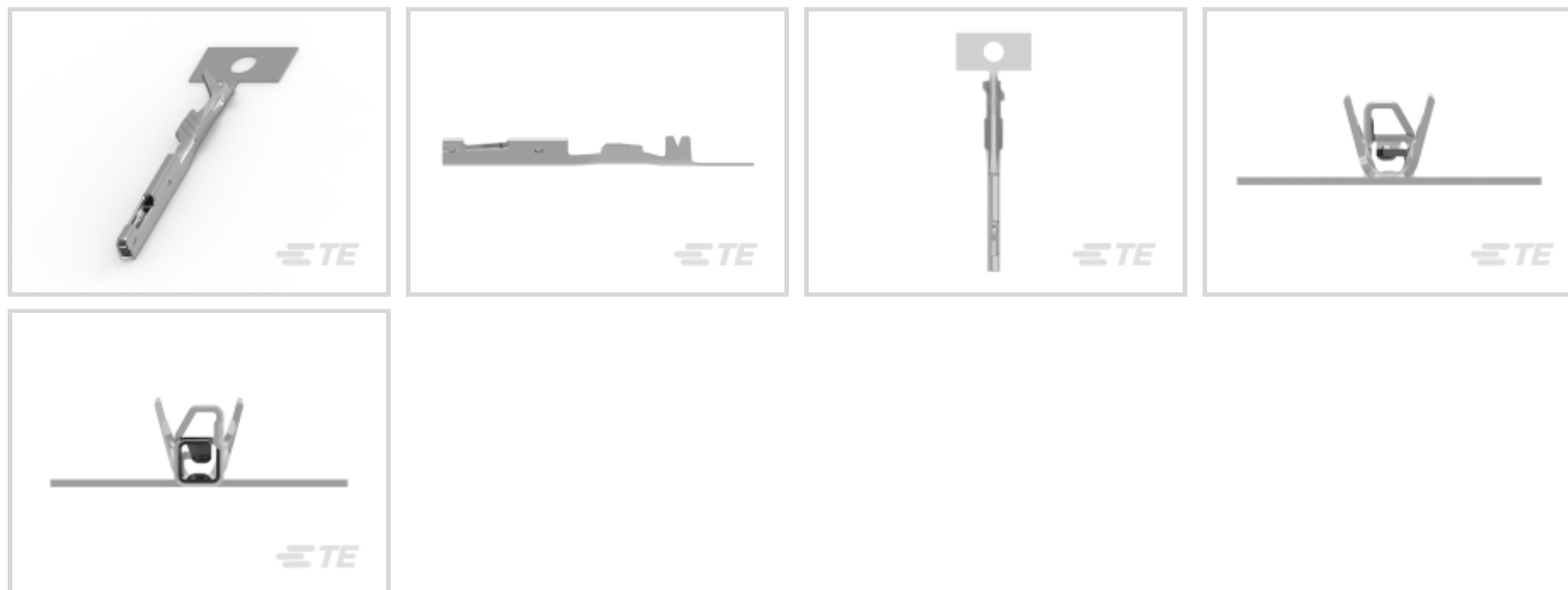
MCON Interconnection System

TE Internal #: 2177908-1

Automotive Terminals, Receptacle, Mating Tab Width .5 mm [.019 in], Tab Thickness .015 in [.4 mm], 26 – 25 AWG Wire Size, MCON Interconnection System

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MCON, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: .5 mm [.019 in]

Mating Tab Thickness: .4 mm [.015 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 26 – 25 AWG

[All MCON, RECEPTACLE AND TAB \(103\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	1.2mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	1 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.5 mm [.019 in]
Mating Tab Thickness	.4 mm [.015 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.13 – .17 mm ²
Wire Size Search	25 AWG, 26 AWG
Wire Insulation Diameter	.85 – 1.1 mm [.03 – .043 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C [176 °F] [185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	17000

Other

Customer Preferred Contact	No
Terminal Transmits	0 – 24 A (Low Power)

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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 1801823-3
4POS,MCON 0.5 CB,REC HSG,BLUE, ASSY,SLD



TE Part # 2-1579028-6
EXTRACTION TOOL



TE Part # 2-1579028-8
EXTRACTION TOOL



TE Part # 2-2151332-2
OCEAN_2.0_APPLICATOR-S-035F042O



TE Part # 2-2836540-2
OCEAN-2.0-APPLICATOR-S-035F042O



TE Part # 2151332-2
OCEAN_2.0_APPLICATOR-S-035F042O



TE Part # 2836540-2
OCEAN-2.0-APPLICATOR-S-035F042O




TE Part # 7-2836540-2
OCEAN-2.0-APPLICATOR-S-035F042O



TE Part # 7-2836540-7
OCEAN_2.0_SPARE_PART_KIT-035F042O



TE Part # 8-1579007-9
EXTRACTION TOOL



TE Part # 4-1579014-1
HT11K HAND TOOL MCON050, 0.13-0.35 SQ.MM

Also in the Series | **MCON Interconnection System**



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Seals & Cavity Plugs(4)



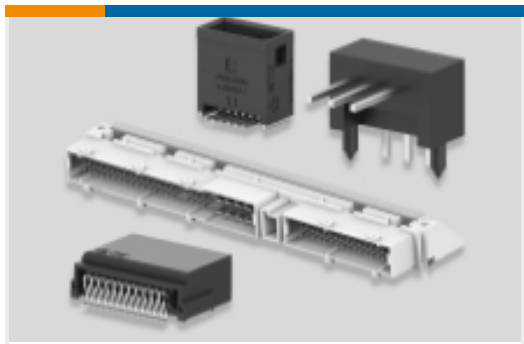
Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)



PCB Headers & Receptacles(1)

Customers Also Bought



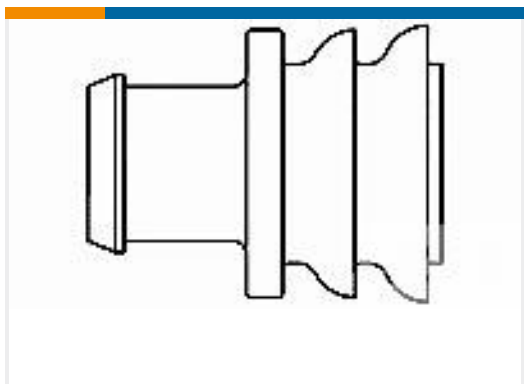
TE Part #DT04-2P
DEUTSCH DT Series Housings & Connectors



TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

[MCON 0.50 TERMINAL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2177908-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2177908-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177908-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English