

MCON 1.2 CB REC SWS AG

✓ ACTIVE

AMP | MCON Interconnection System

TE Part # 1418850-3

TE Internal #: 1418850-3

MCON, RECEPTACLE AND TAB

[View on TE.com >](#)



Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals > MCON, RECEPTACLE AND TAB



Terminal & Splice Type: **Receptacle**
Mating Tab Width: **1.2 mm [.047 in]**
Mating Tab Thickness: **.6 mm [.024 in]**
Terminal Transmits: **0 – 24 A (Low Power)**
Wire Size: **16 – 18 AWG**

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

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body
Wire Type	Copper

Contact Features

Crimp Type	F-Crimp
Terminal & Splice Type	Receptacle
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Silver (Ag)

Termination Features

Termination Method	Crimp
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Dimensions

Wire Size	1 – 1.5 mm²
Wire Size Search	1 mm², 1.25 mm², 1.3 mm², 1.5 mm²
Wire Insulation Diameter	1.9 – 2.4 mm[.075 – .094 in]

Usage Conditions



Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]
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Packaging Features

Packaging Method	Reel
Packaging Quantity	6500

Other

Terminal Transmits	0 – 24 A (Low Power)
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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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Applicators(4)



Automotive Seals & Cavity Plugs(5)



Automotive, Truck, Bus, & Off-Road Housings(69)



Insertion & Extraction Tools (3)



Portable Crimp Tools(1)

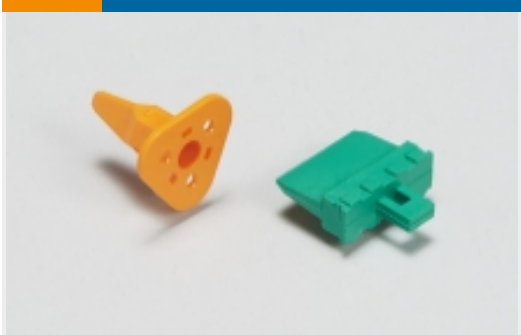


Spare & Wear Tooling(1)

Also in the Series | MCON Interconnection System



Automotive Connector Caps & Covers(24)



Automotive Connector Locks & Position Assurance (11)



Automotive Seals & Cavity Plugs(3)



Automotive, Truck, Bus, & Off-Road Headers(7)



Automotive, Truck, Bus, & Off-Road Housings(308)



Automotive, Truck, Bus, & Off-Road Terminals(113)



Board-to-Board Headers & Receptacles(6)



Other Automotive Connector Accessories(6)

Customers Also Bought





TE Part #1452416-1
58POS CONNECTOR
COVER 180 ASSY



TE Part #1452409-2
SECONDARY LOCK FOR
58 POS CONN



TE Part #1452408-2
SECONDARY LOCK FOR
58 POS CONN



TE Part #2098582-1
WIRE SEAL, RUBBER,
SENSOR, RED



TE Part #1-1452424-2
BLIND PLUG FOR MCON
1.2 CB (1.

Documents

Product Drawings
MCON 1.2 CB REC SWS AG
German

CAD Files
Customer View Model
ENG_CVM_1418850-3_F2.3d_igs.zip
English
Customer View Model
ENG_CVM_1418850-3_F2.3d_stp.zip
English
Customer View Model
ENG_CVM_1418850-3_F2.2d_dxf.zip
English
3D PDF
English

Datasheets & Catalog Pages
MCON Interconnection System
English

Product Specifications
Application Specification
German
Application Specification
German
Application Specification



English