



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



Terminal Type: **Receptacle**

Wire Size: **24 – 22 AWG**

Mating Tab Width: **.5 mm [.02 in]**

Interface Plating: **Tin (Sn)**

[All MQS, RECEPTACLE AND TAB \(96\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Contact Features

Typical Current Rating	6 A
Crimp Type	F-Crimp
Contact Size	.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	.5 mm[.02 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.4 mm[.016 in]



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	.95 – 1.3 mm[.037 – .051 in]
Wire Size	24 – 22 AWG
Wire Size Search	.2 mm², .25 mm², .3 mm²

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	17000

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 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 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 # 2333103-3
3POS,NANOMQS,REC HSG ASSY, UNSLD,COD C

TE Part # 2333108-2
8POS,NANOMQS,REC HSG ASSY, UNSLD,COD B

TE Part # 2282267-9
8POS,NANOMQS,REC HSG,CODZ

TE Part # 2302455-3
5-PORT MATENET FRAME, UTP, COD C

TE Part # 2395362-1
SDE F NANOMQS 24-22 ASSY

TE Part # 2312110-2
10POS,NANOMQS,REC HSG ASSY, COD B

TE Part # 2312112-2
12POS,NANOMQS,REC HSG ASSY, COD B

TE Part # 2266703-2
OCEAN_2.0_APPLICATOR-S-042F0500-RSA



 TE Part # 2282154-3 6POS,NANOMQS,REC HSG,CODC	 TE Part # 1802105-2 1PORT,MATENET,REC HSG,SLD,COD B,UTP,ASSY	 TE Part # 1802105-9 1PORT,MATENET,REC HSG,SLD,COD Z,UTP,ASSY	 TE Part # 2324309-2 3-PORT MATENET FRAME, UTP, COD B
 TE Part # 2309873-1 6POS,NANOMQS,REC HSG ASSY, COD A	 TE Part # 2312212-1 12POS,NANOMQS,REC HSG,COD A	 TE Part # 2312106-1 6POS,NANOMQS,REC HSG ASSY, COD A	 TE Part # 2302455-9 5-PORT MATENET FRAME, UTP, COD Z
 TE Part # 2302454-3 1-PORT MATENET FRAME,UTP, COD C	 TE Part # 2333103-1 3POS,NANOMQS,REC HSG ASSY, COD A	 TE Part # 2312116-1 16POS,NANOMQS,REC HSG ASSY, COD A	 TE Part # 2312106-2 6POS,NANOMQS,REC HSG ASSY, COD B

Also in the Series | Nano MQS

 Automotive Headers(13)	 Automotive Housings(55)	 Automotive Terminals(7)	 Insertion & Extraction Tools(6)
 PCB Headers & Receptacles(13)	 Wire-to-Board Headers & Receptacles (12)		

Customers Also Bought





TE Part #2397144-1
Lidar Plug, side latch, cod A



TE Part #1-2236905-1
NANO TAB 0.5X0.4, TERMINAL



TE Part #2208340-1
14POS, NANOMQS, REC HSG, CODA



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



TE Part #2208339-3
10POS, NANOMQS, REC HSG, COD C



TE Part #2302452-1
MATENET, FIXATION ELEMENT



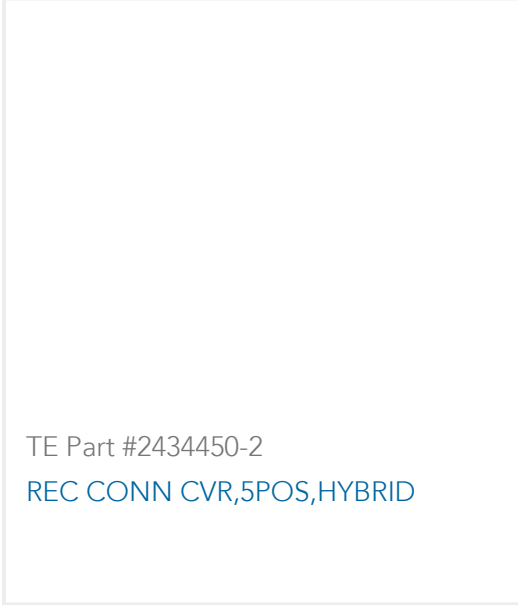
TE Part #967650-3
1,5MM BU-STE KPL 5P



TE Part #2302451-1
MATENET, MALE INSERT MODUL



TE Part #474157-E
SRCP 1,27 2 F 1-KS IDC22 137 E1 162 1,27



TE Part #2434450-2
REC CONN CVR, 5POS, HYBRID

Documents

Product Drawings
NANOMQS, RECEPTACLE TERMINAL
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1703930-1_F.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-1703930-1_F.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-1703930-1_F.3d_stp.zip
English

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

Product Specifications



Application Specification

German

Application Specification

German

Application Specification

English