

AMP

TE Internal #: 638187-1

Automotive Terminals, Receptacle, 20 – 18 AWG Wire Size, .5 – .8 mm² Wire Size, Tin (Sn) Interface Plating, Terminates To Wire[View on TE.com >](#)

Terminals & Splices > Automotive Terminals

Terminal Type: **Receptacle**Terminal Transmits: **0 – 24 A (Low Power)**Wire Size: **.5 – .8 mm²**Sealable: **No****Features****Product Type Features**

Receptacle Style	180°
Sealable	No

Contact Features

Contact Size	1mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Receptacle
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.5 – .8 mm ²
Wire Size Search	18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.2 – 1.9 mm [.048 – .075 in]

Usage Conditions

Insulation Option	Uninsulated
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Packaging Features

Packaging Method	Reel
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Packaging Quantity 6000

Other

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>

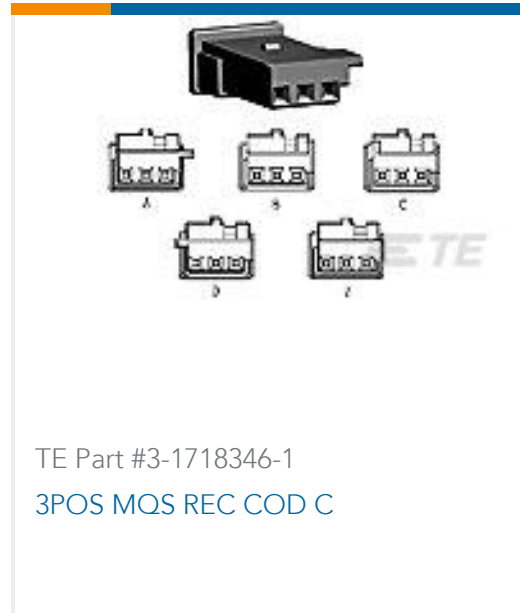
Compatible Parts



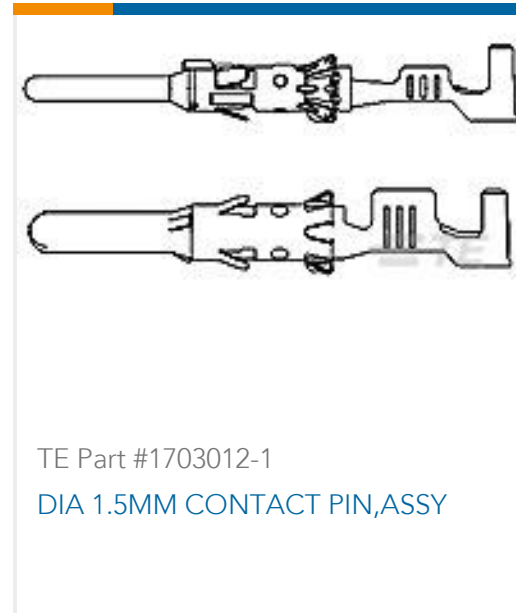
Customers Also Bought



TE Part #927871-1
JUNIOR-TIMER KONT



TE Part #3-1718346-1
3POS MQS REC COD C



TE Part #1703012-1
DIA 1.5MM CONTACT PIN,ASSY



TE Part #1-1355876-1
AMP MCP, RECEPTACLE AND TAB



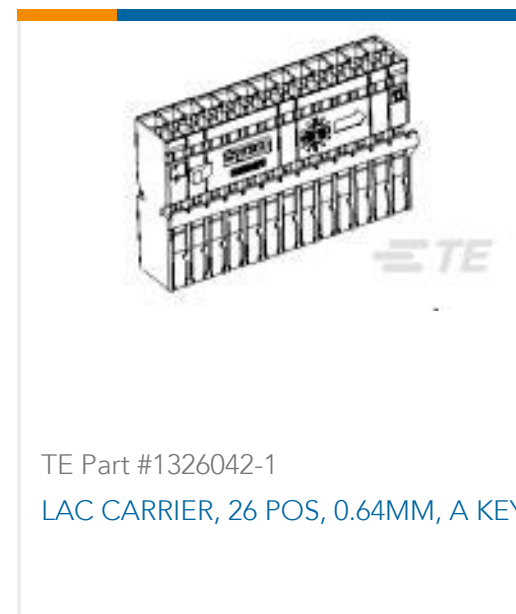
TE Part #5-1419144-3
OJE-SS-109LMH,000



TE Part #1241603-1
MQS1,5 Sn rec LL EDS 0,35-0,5



TE Part #9-1415513-1
RF334024



TE Part #1326042-1
LAC CARRIER, 26 POS, 0.64MM, A KEY

Documents

Product Drawings

[RECEPT. CONTACT 18-20 AWG TIN](#)

English

CAD Files

Customer View Model

[ENG_CVM_638187-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_638187-1_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_638187-1_C.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

[Application Specification](#)

English