

1612124-3 ✓ ACTIVE

AMP | AMP Auto Squib Products

TE Internal #: 1612124-3

Automotive Terminals, Socket, Pin Diameter .039 in [1 mm], 22 – 20

AWG Wire Size, .3 – .5 mm² Wire Size, AMP Auto Squib Products

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Mating Pin Diameter: **1 mm [.039 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **.3 – .5 mm²**

Features

Product Type Features

Receptacle Style	180°
Sealable	No

Contact Features

Crimp Type	F-Crimp
Terminal Type	Socket
Mating Pin Diameter	1 mm [.039 in]
Interface Plating	Gold (Au)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.3 – .5 mm ²
Wire Size Search	20 AWG, 21 AWG, 22 AWG
Wire Insulation Diameter	1.4 – 1.7 mm [.037 – .067 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C [176 °F]
Operating Temperature Range	-30 – 80 °C [-22 – 176 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

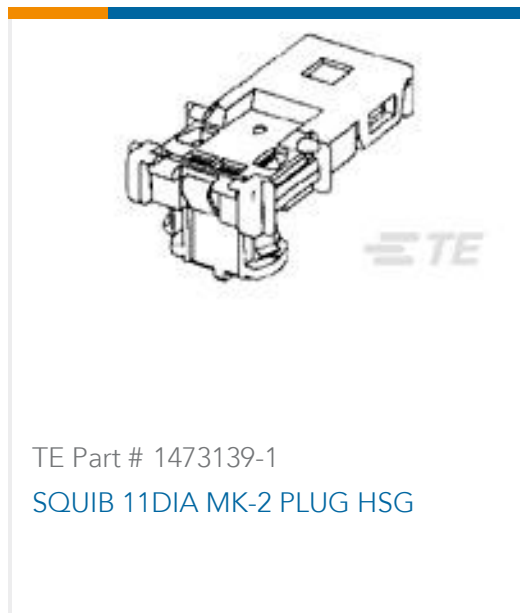
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

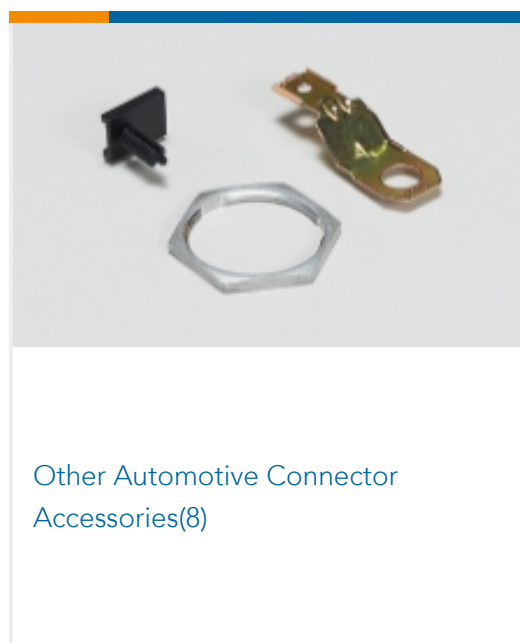
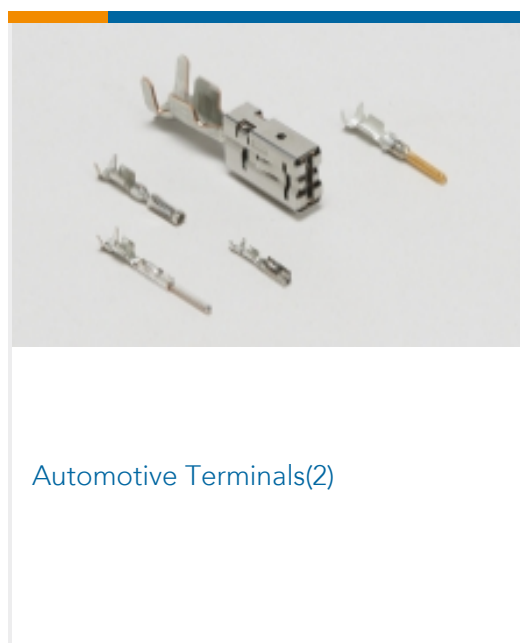
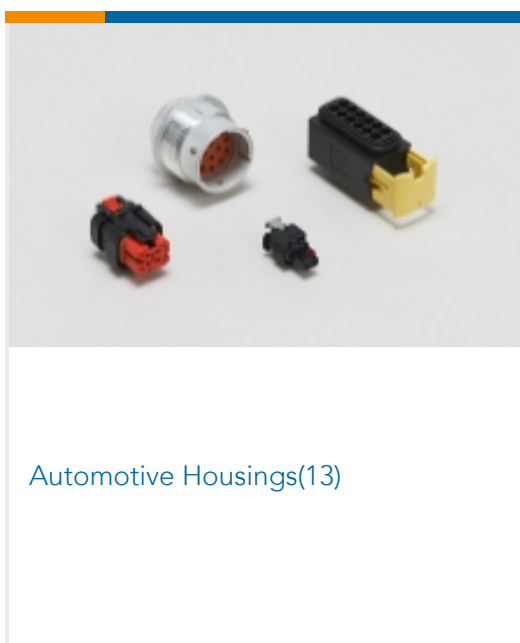
Product Compliance Disclaimer

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>

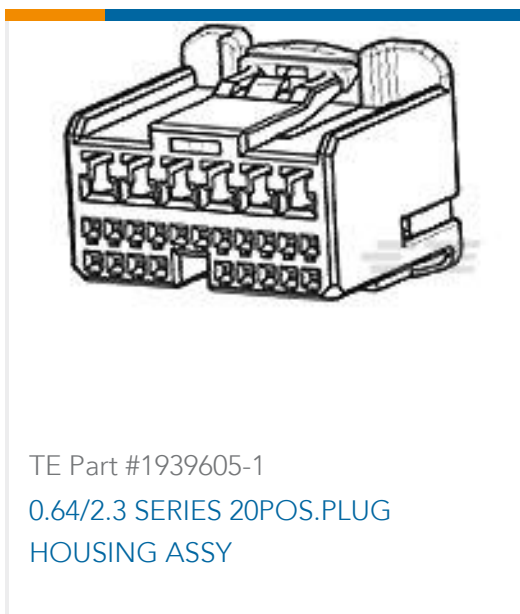
Compatible Parts



Also in the Series | AMP Auto Squib Products



Customers Also Bought





TE Part #1827855-2
0.50 SERIES CONNECTER
RECEPTACLE CONTACT



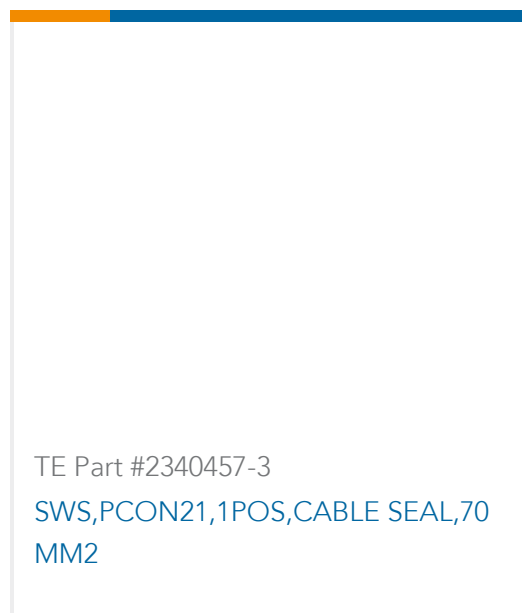
TE Part #2293269-3
DIA 6MM,PIN TERMINAL



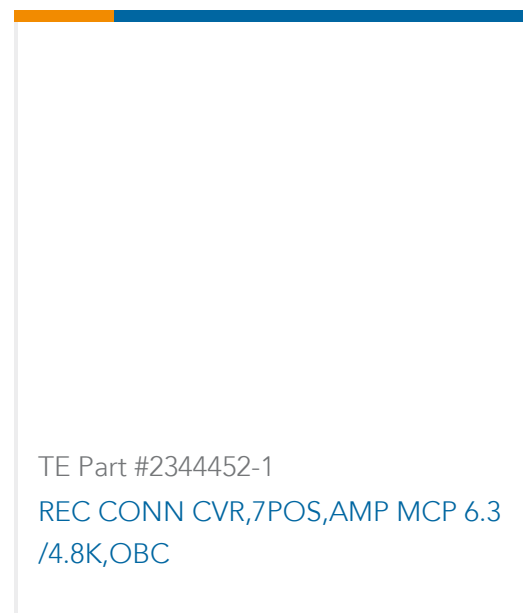
TE Part #2326139-1
DIE SET PCON 21-90 T 70-95MM2



TE Part #7-2836238-7
OCEAN_2.0_SPARE_PART_KIT-
079F134O



TE Part #2340457-3
SWS,PCON21,1POS,CABLE SEAL,70
MM2



TE Part #2344452-1
REC CONN CVR,7POS,AMP MCP 6.3
/4.8K,OBC

Documents

Product Drawings

1DIA SOCKET AU

Japanese

CAD Files

Customer View Model

[ENG_CVM_CVM_1612124-3_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1612124-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1612124-3_D.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

CRIMPING OF SOCKET CONTACT FOR 1MM PIN

Japanese

Application Specification

Japanese

Product Environmental Compliance

Product Compliance

English



Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese