

2272196-1 ✓ ACTIVE



Generation 50

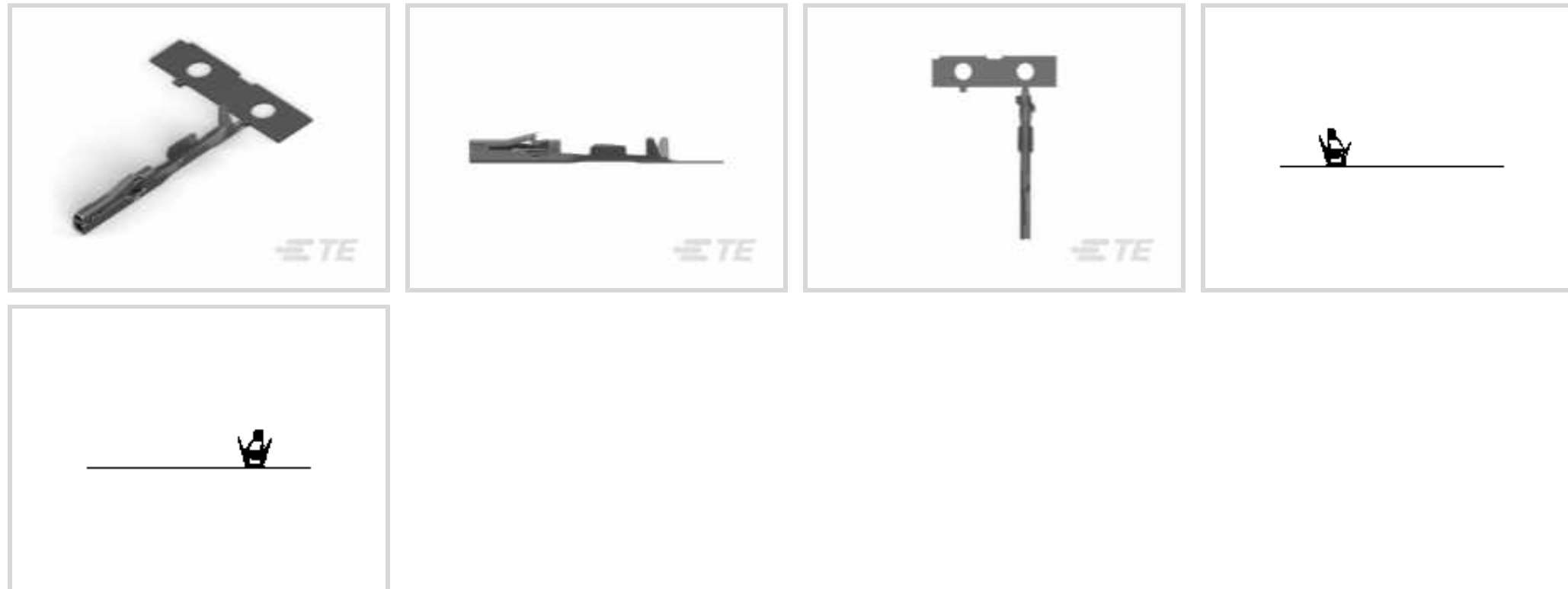
TE Internal #: 2272196-1

Automotive Terminals, Receptacle, Mating Tab Width .02 in [.5 mm], Tab Thickness .016 in [.4 mm], 26 AWG Wire Size, .13 mm<sup>2</sup>

Wire Size, Generation 50

[View on TE.com >](#)

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



Terminal Type: **Receptacle**

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

Mating Tab Thickness: .4 mm [.016 in]

Wire Size: .13 mm<sup>2</sup>

[All MQS, RECEPTACLE AND TAB \(124\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

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

### Termination Features



Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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### Dimensions

Accepts Wire Insulation Diameter Range	.85 – 1.05 mm [.033 – .041 in]
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Wire Size	.13 mm <sup>2</sup>
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Wire Size Search	26 AWG
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### Usage Conditions

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

Compatible With Wire Base Material	Copper
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### Industry Standards

Agency/Standard	GMW3191, SAE/USCAR-2 / USCAR-21
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### Packaging Features

Packaging Quantity	17000
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Packaging Method	Reel
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # CAT-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part # 2-2396700-2  
OCEAN-2.0-APPLICATOR-S-035F042O



TE Part # 2396700-2  
OCEAN-2.0-APPLICATOR-S-035F042O



TE Part # 7-2396700-2  
OCEAN-2.0-APPLICATOR-S-035F042O



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2396700-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-035F042O



TE Part # 2292894-1  
HEADER ASSY, 1X6, 2.0 CENTERLINE, GEN 50



TE Part # 2292894-2  
HEADER ASSY, 1X6, 2.0 CENTERLINE, GEN 50



TE Part # 2292884-5  
PLUG ASSY, 1X6, 2.0 CENTERLINE, GEN 50



TE Part # 2292884-6  
PLUG ASSY, 1X6, 2.0 CENTERLINE, GEN 50



TE Part # 2292884-7  
PLUG ASSY, 1X6, 2.0 CENTERLINE, GEN 50



TE Part # 2292884-8  
PLUG ASSY, 1X6, 2.0 CENTERLINE, GEN 50

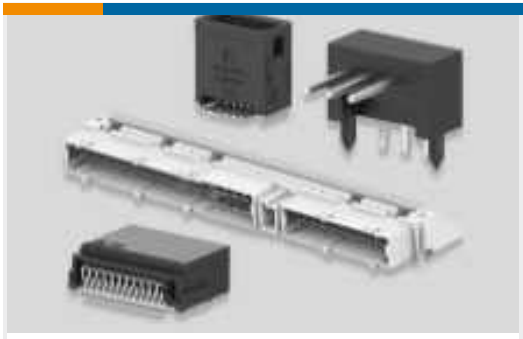
Also in the Series | **Generation 50**



Automotive Housings(36)



Automotive Terminals(4)



PCB Headers & Receptacles(13)

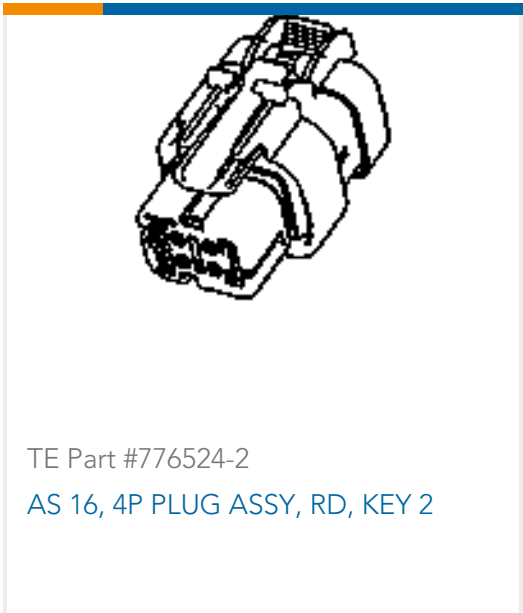
## Customers Also Bought



TE Part #6-2176091-3  
RP 2A 0.25W 261R 0.1% 25PPM 1K RL



TE Part #2138314-1  
36P SEALED HYBRID (32X 1.2, 4X



TE Part #776524-2  
AS 16, 4P PLUG ASSY, RD, KEY 2



TE Part #1-968851-1  
AMP MCP 2.8, CONTACT



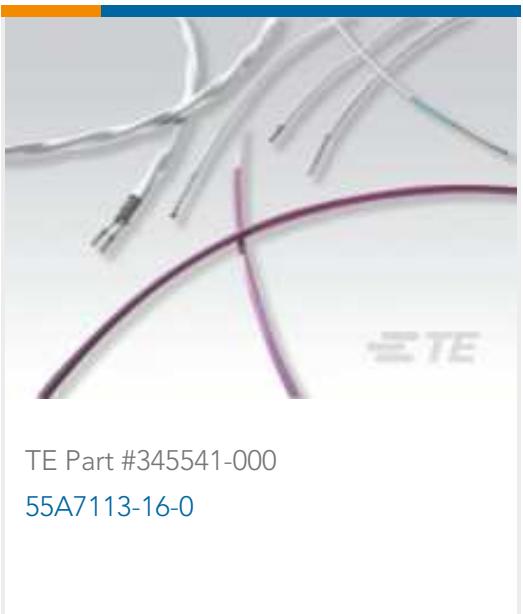
TE Part #2309644-3  
30P NANOMQS/US050 LL CONN, W /CPA, KEY C



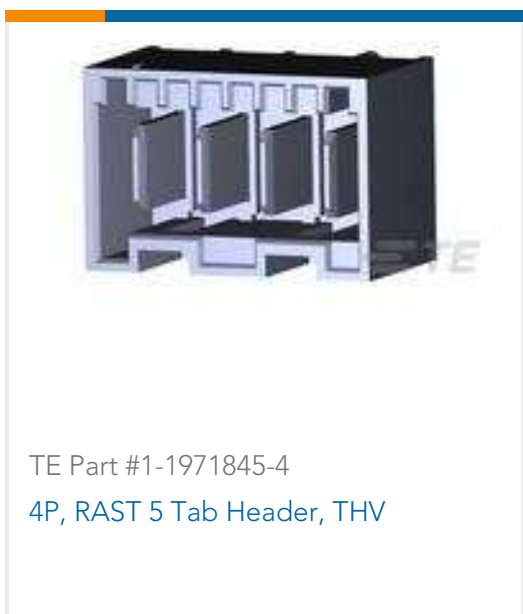
TE Part #1-1326031-2  
2.8MM BLD,SEAL,12AWG, REV REEL



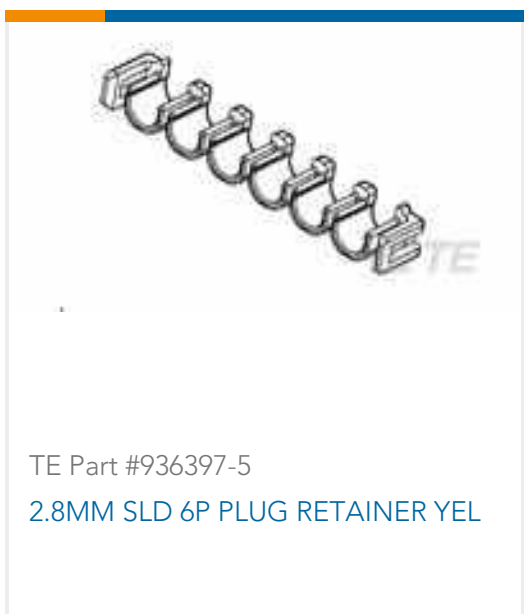
TE Part #60824-1  
.058 DIA PIN PC PTPPHBZ



TE Part #345541-000  
55A7113-16-0



TE Part #1-1971845-4  
4P, RAST 5 Tab Header, THV



TE Part #936397-5  
2.8MM SLD 6P PLUG RETAINER YEL

## Documents

### Product Drawings

GEN 50,TERMINAL

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2272196-1\_C.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2272196-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2272196-1\\_C.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Application Specification](#)

English