



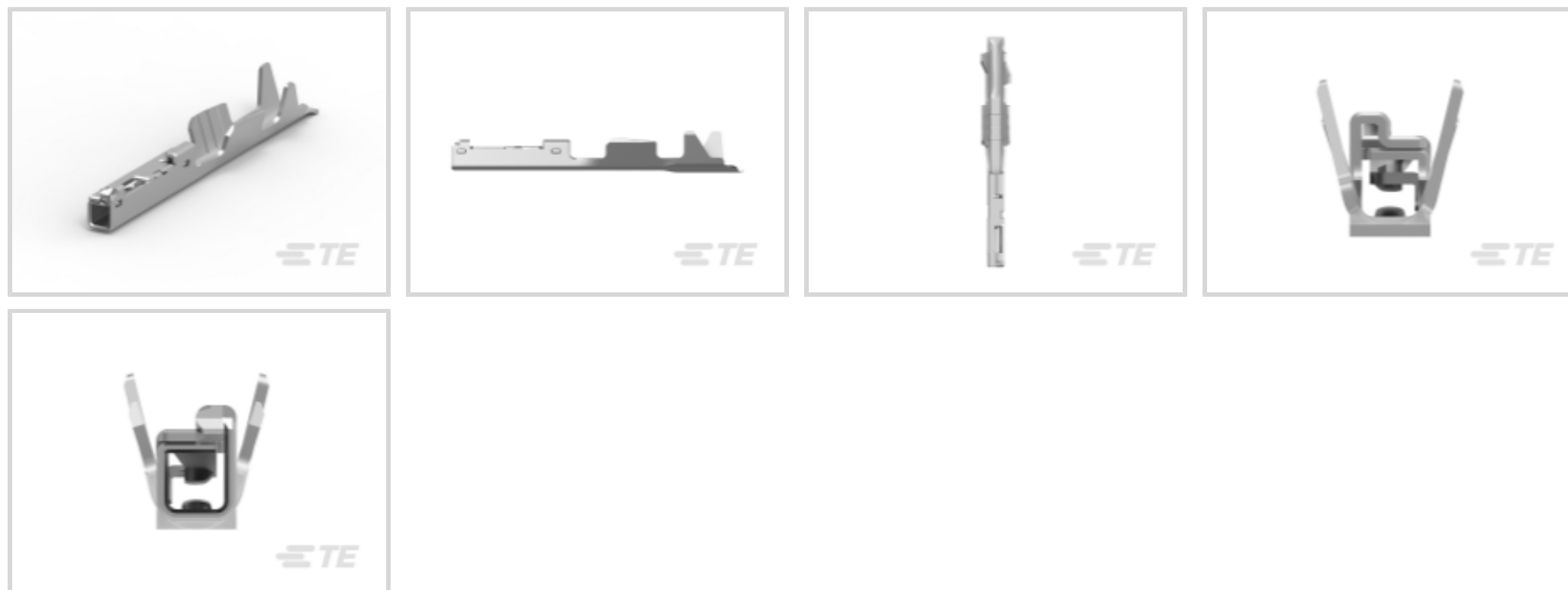
Generation 50

TE Internal #: 2098583-2

Automotive Terminals, Receptacle, Mating Tab Width .5 mm [.02 in], Tab Thickness .016 in [.4 mm], 22 AWG Wire Size, .35 mm² Wire Size, Generation 50

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**

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

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

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

Wire Size: **22 AWG**

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

Contact Size	.5mm
Contact Fabrication	Stamped & Formed
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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To Wire

Dimensions

Wire Size	.35 mm ²
Wire Size Search	22 AWG
Wire Insulation Diameter	1.1 – 1.4 mm [.043 – .055 in]

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	USCAR-21
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Packaging Features

Packaging Method	Reel
Packaging Quantity	20000

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: 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 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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Part # CAT-MINH6642
MINIATURIZED HEADER



TE Part # CAT-A12-CH8172
0.50 CONNECTOR SYSTEM, CONNECTOR HOUSING



TE Part # 2-2151678-1
OCEAN_2.0_Applicator-S-042F0500



TE Part # 2-2151678-2
OCEAN_2.0_Applicator-S-042F0500



TE Part # 2098583-4
Contact, 50 Series, fem, 0.13s



TE Part # 2151678-1
OCEAN_2.0_Applicator-S-042F0500



TE Part # 2151678-2
OCEAN_2.0_Applicator-S-042F0500



TE Part # 2203881-1
16POS, HYBRID, HEADER ASSY, 90 DEG, SMD



TE Part # 2272897-1
20POS, TAB0.5X0.4, HDR ASSY, 90 DEG, SMD



TE Part # 2293333-1
16POS, GEN 50, REC HSG, ASSY




TE Part # 7-2151678-1
OCEAN_2.0_Applicator-S-042F0500



TE Part # 7-2151678-2
OCEAN_2.0_Applicator-S-042F0500



KIT REPRESENTATION ONLY

TE Part # 7-2151678-7
OCEAN_2.0_SPARE_PART_KIT-042F0500



TE Part # 2272388-1
HEADER ASSY, 16 POS



TE Part # 2272400-1
4POS,0.5X0.4,TAB HSG ASSY,UNSLD, COD A



TE Part # 2272400-2
4POS,0.5X0.4,TAB HSG ASSY,UNSLD, COD B




TE Part # 2272400-3
4POS,0.5X0.4,TAB HSG ASSY,UNSLD, COD C




TE Part # 2272400-4
4POS,0.5X0.4,TAB HSG ASSY,UNSLD, COD D

Also in the Series | **Generation 50**



Automotive Housings(36)



Automotive Terminals(4)



PCB Headers & Receptacles(13)

Customers Also Bought



TE Part #1-968562-2
10POS MQS REC



TE Part #353537-2
040-3 UNSEALED CONT.TAB(S)GOLD



TE Part #5-928999-1
MQS0,63 Sn rec LL unseal. >0,2-0,35



TE Part #1333225-1
ANVIL, COMBINATION SPECIAL



TE Part #40698
RING TONGUE 22-18 AWG TPBR



CRIMPER REPRESENTATION ONLY

TE Part #2-1803365-3
CRIMPER,INSULATION O



ANVIL REPRESENTATION ONLY

TE Part #3-1633919-4
ANVIL COMBINATION



ANVIL REPRESENTATION ONLY

TE Part #9-1803318-5
ANVIL, COMBINATION



Documents

Product Drawings

Contact, 50 Series, fem, 0.35-

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2098583-2_B2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2098583-2_B2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2098583-2_B2.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English