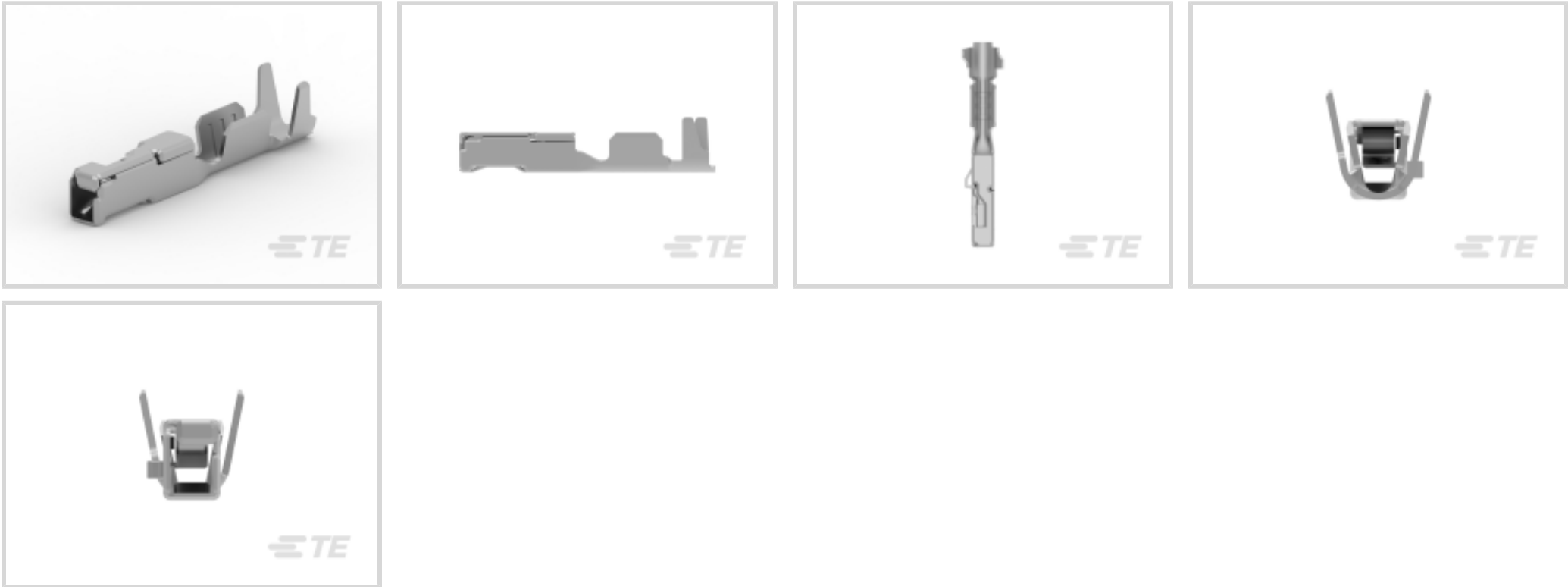




Terminals & Splices > Automotive Terminals



Terminal Type: **Receptacle**  
Mating Tab Width: **.64 mm [ .025 in ]**  
Mating Tab Thickness: **.64 mm [ .025 in ]**  
Terminal Transmits: **0 – 24 A (Low Power)**  
Wire Size: **22 – 20 AWG**

Features

Product Type Features

|                         |            |
|-------------------------|------------|
| Receptacle Style        | 180°       |
| Sealable                | Yes        |
| Primary Locking Feature | Clean Body |

Body Features

|                    |             |
|--------------------|-------------|
| Terminal Seal Type | Family Seal |
|--------------------|-------------|

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Size                                   | .64mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Typical Current Rating                         | 8 A              |
| Crimp Type                                     | F-Crimp          |
| Terminal Type                                  | Receptacle       |
| Mating Tab Width                               | .64 mm[.025 in]  |
| Mating Tab Thickness                           | .64 mm[.025 in]  |



|                   |          |
|-------------------|----------|
| Interface Plating | Tin (Sn) |
|-------------------|----------|

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.5 – 1.85 mm[.06 – .072 in] |
| Wire Size                            | .35 – .5 mm <sup>2</sup>     |
| Wire Size Search                     | 20 AWG, 21 AWG, 22 AWG       |

Usage Conditions

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Insulation Option           | Uninsulated                                                                                                                 |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F]                                                                                                  |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Industry Standards

|                                           |                        |
|-------------------------------------------|------------------------|
| Compatible With Agency/Standards Products | SAE/USCAR-2 / USCAR-21 |
|-------------------------------------------|------------------------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 7500    |
| Packaging Method   | Package |

Other

|                            |                      |
|----------------------------|----------------------|
| Customer Preferred Contact | Yes                  |
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241) |



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

|                                                                |                                                                                              |                                                                   |                                                                     |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|
| <br>TE Part # 2151725-1<br>OCEAN_2.0_APPLICATOR-S-053F061O-RSM | <br>KIT<br>REPRESENTATION ONLY<br>TE Part # 7-2151725-7<br>OCEAN_2.0_SPARE_PART_KIT-053F061O | <br>TE Part # 3-2098269-1<br>10P Plug Assembly (2x5), Gener       | <br>TE Part # 2063291-1<br>PRO-C HT & DIE GEN Y                     |
| <br>TE Part # 2098269-1<br>10P Plug Assembly (2x5), Gener      | <br>TE Part # 2151725-2<br>OCEAN_2.0_APPLICATOR-S-053F061O-RSA                               | <br>TE Part # 2291594-1<br>Plug Assembly, 10P Unsealed USCAR, G-Y | <br>TE Part # 2305570-1<br>Strip Terminal Cutter-Side Feed-No Crimp |
| <br>TE Part # 3-2098269-2<br>10P Plug Assembly (2x5), Gener    | <br>TE Part # 3-2098269-6<br>10P Plug Assembly (2x5), Gener                                  | <br>TE Part # 3-2098269-8<br>10P Plug Assembly (2x5), Gener       | <br>TE Part # 4-2098269-6<br>10P Plug Assembly (2x5), Gener         |



TE Part # 2098269-2  
10P Plug Assembly (2x5), Generation Y, B



TE Part # 1924211-1  
ASSY, PLUG, 2X3, SEALED, 0.64, OPEN

TE Part # 2063291-2  
DIE GEN Y



TE Part # 3-2151725-2  
OCEAN\_2.0\_APPLICATOR-S-053F061O-SSD

TE Part # 5-2098269-5  
10Pos, Plug Assy, Generation Y, Sealed



TE Part # 1924211-3  
ASSY, PLUG, 2X3, SEALED, 0.64, BLKD

Also in the Series | Generation Y Connector System



Automotive Connector Caps & Covers (21)



Automotive Housings(157)



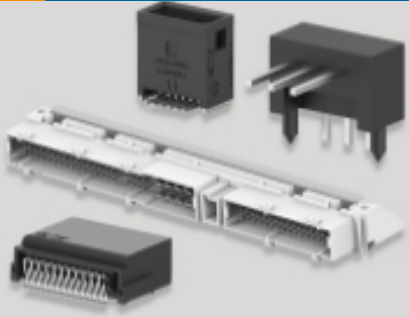
Automotive Terminals(46)



Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(19)

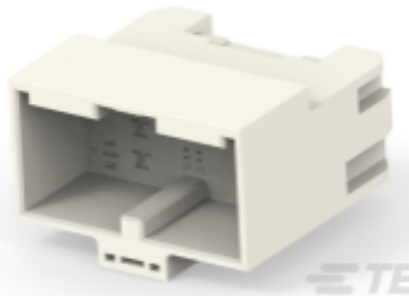
Customers Also Bought



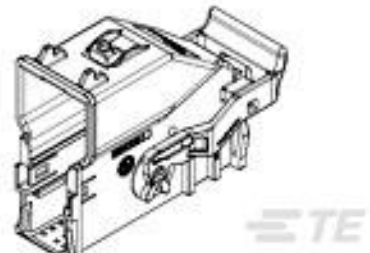
TE Part #NB07726001  
HTAT-24/6-0-90MM



TE Part #0989076025  
RBK-ILS-125-NR2-0-35MM



TE Part #2005330-1  
025/090/110 HYB 24P CAP ASSY



TE Part #1924337-1  
Shield Assembly, 54 POSN, 0.64mm BLK



TE Part #493912-1  
CHRISTMAS TREE

TE Part #2293641-3  
PLUG HOUSING BODY 0.50 HSL  
CONN. KEY-C

TE Part #1743655-1  
090III MLC REC(M) CONT

TE Part #1-1534170-1  
MQS ABDECKKAPPE2X5P

TE Part #2293734-1  
PLUG HOUSING CAVITY, 4 POS 0.50  
HSL CONN

TE Part #2310000-1  
10POS, MQS, REC HSG ASSY, UNSLD,  
COD A

Documents

Product Drawings

CONTACT,FEMALE, 0.64, 20-22, C

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2035170-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2035170-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2035170-1\_C.3d\_stp.zip

English

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Product Specifications

Application Specification

English