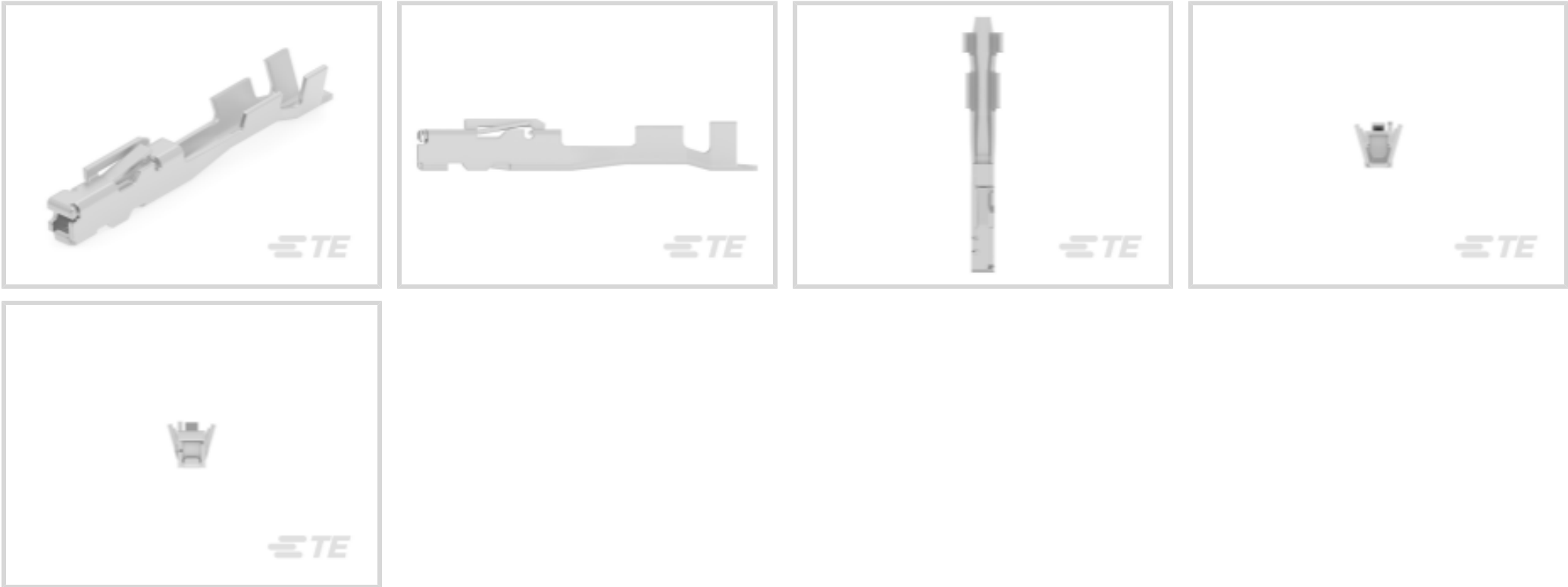




Terminals & Splices > Automotive Terminals > TH/.025 CONNECTOR SYSTEM, RECPT AND TAB



Terminal Type: **Receptacle**

Wire Size: **24 – 20 AWG**

Mating Tab Width: **.64 mm [.025 in]**

Interface Plating: **Tin (Sn)**

[All TH/.025 Connector System, Recpt and Tab \(17\)](#)

Features

Product Type Features

|                         |               |
|-------------------------|---------------|
| Receptacle Style        | 180°          |
| Primary Locking Feature | Locking Lance |
| Sealable                | No            |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Typical Current Rating                         | 4 A              |
| Crimp Type                                     | F-Crimp          |
| Contact Size                                   | .64mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Terminal Type                                  | Receptacle       |
| Mating Tab Width                               | .64 mm[.025 in]  |
| Interface Plating                              | Tin (Sn)         |
| Mating Tab Thickness                           | .64 mm[.025 in]  |



Termination Features

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

Dimensions

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Compatible Insulation Diameter Range | .95 – 1.72 mm[.037 – .067 in]                                                                           |
| Wire Size                            | 24 – 20 AWG                                                                                             |
| Wire Size Search                     | .2 mm <sup>2</sup> , .25 mm <sup>2</sup> , .3 mm <sup>2</sup> , .4 mm <sup>2</sup> , .5 mm <sup>2</sup> |
| Tab Length                           | 15.5 mm[.61 in]                                                                                         |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature (Max) | 120 °C[248 °F]             |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

Operation/Application

|                                    |                                                                                                             |
|------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Compatible With Wire Base Material | Copper                                                                                                      |
| Conforms to Automation Guideline   | Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018) |

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Method   | Reel  |
| Packaging Quantity | 10000 |

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: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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

Wave solder capable to 240°C

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

|                                                                             |                                                                            |                                                                           |                                                                 |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------|
| <p>TE Part # 2209948-1<br/>YFK SGM318 SW HARENSS-LOW<br/>VERSION</p>        | <p>TE Part # 2321525-2<br/>32POS,TH 025,REC HSG ASSY,UNSLD</p>             | <p>TE Part # 2399869-1<br/>EPB Cable for GWM J05 at Mind</p>              | <p>TE Part # CAT-SIGH262<br/>Signal Header</p>                  |
| <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No<br/>Crimp</p> | <p>TE Part # 2-1722368-6<br/>ISOLATION CRIMP PLATE</p>                     | <p>TE Part # 5-2151494-1<br/>OCEAN_2.0_APPLICATOR-S-<br/>055F055F-RSM</p> | <p>TE Part # 2325415-2<br/>40POS,ML .025,REC HSG ASSY,UNSLD</p> |
| <p>TE Part # 1717396-3<br/>0.64 SMD 16P CAP ASSEMBLY V-TYPE<br/>Tray</p>    | <p>TE Part # CAT-T319-CH8172<br/>TH/.025 CONNECTOR SYSTEM,<br/>HOUSING</p> | <p>TE Part # 1463260-1<br/>DAHT 025 TAB REC G-Tab 22-20 ASSY</p>          | <p>TE Part # 6318853-3<br/>025 24 pos Cap Assy H 4 Au</p>       |



TE Part # 2151494-2  
OCEAN\_2.0\_APPLICATOR-S-055F055F-RSA

TE Part # 2383522-1  
16POS,TAB0.64X0.64,HDR ASSY,180DEG

TE Part # 7-2151494-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F055F

TE Part # 7-1579014-2  
HT11K HAND TOOL TH 0.25 CONTACTS

TE Part # 2209948-2  
YFK SGM318 SW HARENSS-HIGH VERSION

TE Part # 2399869-2  
EPB Cable for GWM J05 at Mind

TE Part # CAT-M9194-CH8172  
MULTILOCK, CONNECTOR HOUSING

TE Part # 1276565-1  
EXTRACTION TOOL FOR .025 REC

Also in the Series | 0.64/025 Connector System

Automotive Connector Caps & Covers (5)

Automotive Connector Locks & Position Assurance(1)

Automotive Headers(148)

Automotive Housings(117)

Connector Seals & Cavity Plugs(1)

Other Automotive Connector Accessories(4)

PCB Headers & Receptacles(148)

Rectangular Power Connectors(21)

Wire-to-Board Headers & Receptacles (148)

Customers Also Bought



Documents

Product Drawings

025 REC CONTACT

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1123343-1\_M.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1123343-1\_M.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1123343-1\_M.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

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Application Specification

Japanese

Crimping .040III Unsealed Contact, Receptacle

Japanese

Crimping of 025 Receptacle Contact

Japanese

Application Specification

Japanese

Instruction Sheets



[.025 LIGHT SENSOR CONNECTOR](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[.025 LIGHT SENSOR CONNECTOR](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025/040 IMMOBILIZER CONNECTOR](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

English

[025/040 IMMOBILIZER CONNECTOR](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

English

[025/090II I/O Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025/090II I/O Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025/040 I/O Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025/040 I/O Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[.025 SERIES I/O CONNECTORS \(H-Type 1Row 8Position\)](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[.025 SERIES I/O CONNECTORS \(H-Type 1Row 8Position\)](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)



Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025 Wire to Wire Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025 Wire to Wire Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

English

[025\(0.64\)/375\(9.5\) HYBRID Connector](#)

English

[Instruction Sheet \(non U.S.\)](#)

English

[025\(0.64\)/375\(9.5\) HYBRID Connector](#)

English

[025 G Wire to Wire Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025 G Wire to Wire Connector](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025\(0.64\)/187\(4.8\) I/O CONNECTOR](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[025\(0.64\)/187\(4.8\) I/O CONNECTOR](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

English

[Instruction Sheet \(non U.S.\)](#)

Japanese