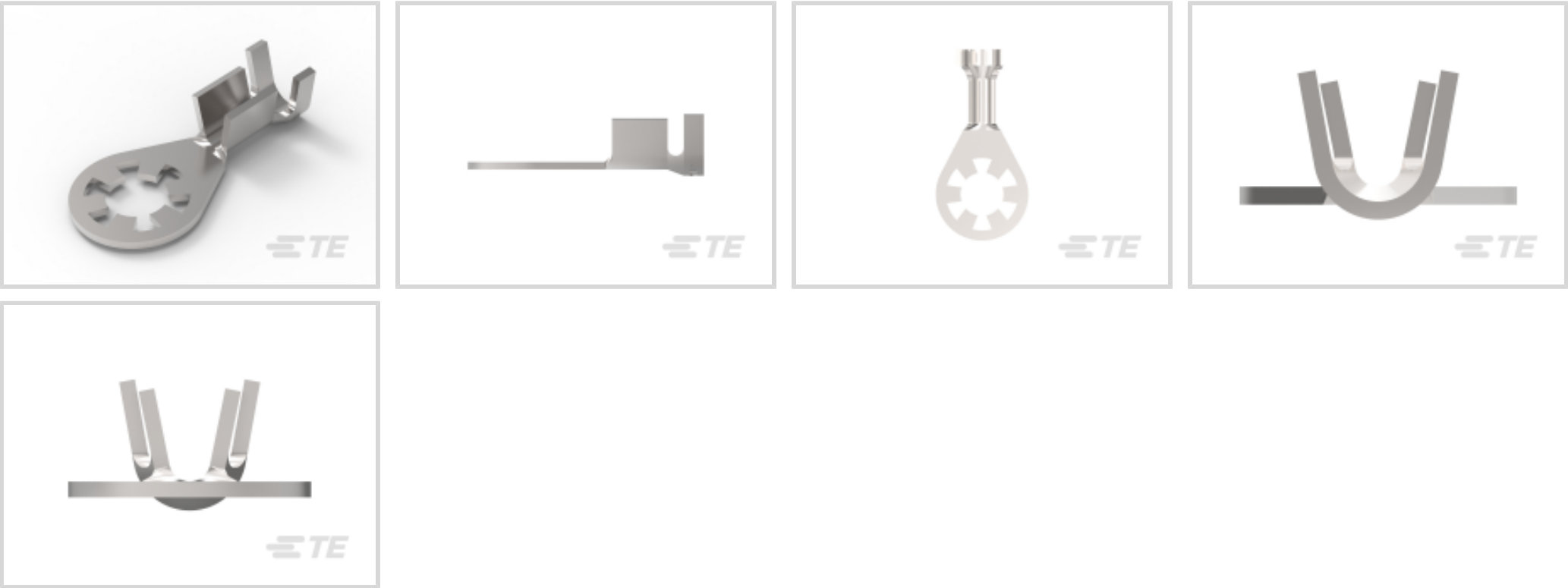




Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **1624 – 4106 CMA**

Ring & Spade Stud Size: **#8, M4**

Features

Product Type Features

|                              |                           |
|------------------------------|---------------------------|
| Terminal Features            | Sheared                   |
| Shape Description            | Anti-Rotational/Grounding |
| Ring & Spade Stud Size       | #8, M4                    |
| Ring & Spade Barrel Type     | Open Barrel               |
| Sealable                     | No                        |
| Insulated                    | No                        |
| Ring & Spade Wire/Cable Type | Regular Wire              |
| Support Style                | Insulation Support        |

Configuration Features

|                 |          |
|-----------------|----------|
| Number of Holes | 1        |
| Terminal Angle  | Straight |

Body Features

|                               |          |
|-------------------------------|----------|
| Inspection Slot               | No       |
| Weight per Piece              | .553 g   |
| Ring & Spade Plating Material | Unplated |

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                   |                 |
|-----------------------------------|-----------------|
| Contact Base Material             | Stainless Steel |
| Terminal & Splice Type            | Ring Tongue     |
| Ring & Spade Terminal Orientation | Straight        |
| Underplating Material             | None            |

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                             |                                   |
|---------------------------------------------|-----------------------------------|
|                                             | .105 in                           |
| Wire Size                                   | 1624 – 4106 CMA                   |
| Stud Diameter                               | 4.4 mm[.173 in]                   |
| Tongue Thickness                            | .61 mm[.024 in]                   |
| Ring & Spade Overall Length                 | 19.56 mm[.77 in]                  |
| Barrel Inside Diameter                      | 1.6 mm, 3.17 mm[.063 in][.125 in] |
| Ring & Spade Wire Insulation Diameter (Max) | 3.68 mm[.145 in]                  |
| Ring & Spade Wire Insulation Diameter       | 2.67 – 3.68 mm[.105 – .145 in]    |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Requirement      | Uninsulated                |
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

Operation/Application

|            |    |
|------------|----|
| Heavy Duty | No |
|------------|----|

Industry Standards

|                      |    |
|----------------------|----|
| Government Qualified | No |
|----------------------|----|

Packaging Features

|                               |            |
|-------------------------------|------------|
| Packaging Quantity            | 6000       |
| Ring & Spade Packaging Method | Strip/Reel |

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        |                                         |



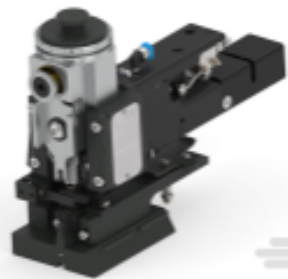
Current ECHA Candidate List: JAN 2021 (211)  
Candidate List Declared Against: JAN 2021 (211)  
Does not contain REACH SVHC

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| 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                                        |

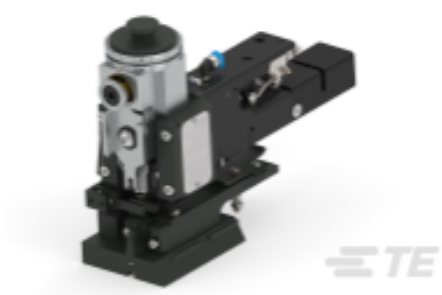
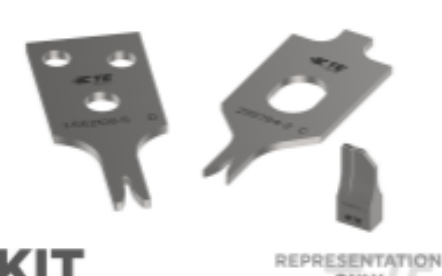
Product Compliance Disclaimer

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>

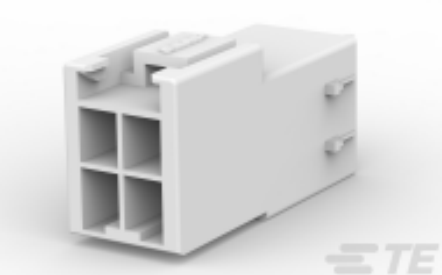
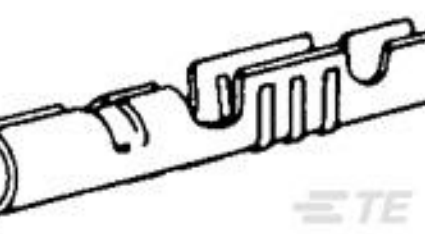
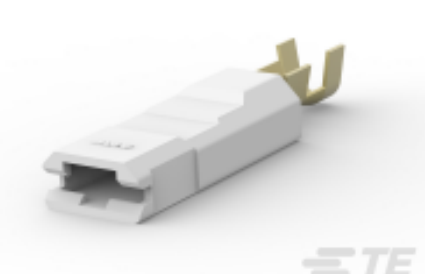
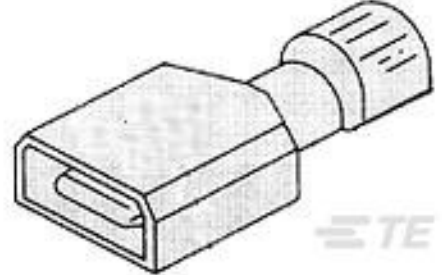
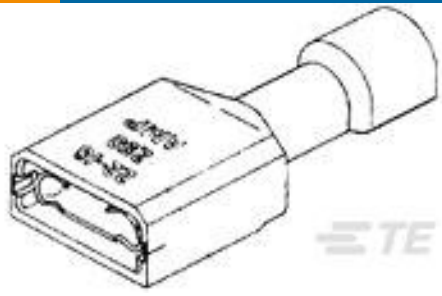
Compatible Parts

|                                                                                                                                                 |                                                                                                                                                 |                                                                                                                                                            |                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 350509-1<br>RING 22-16 AWG BR                  | <br>TE Part # 2150008-1<br>OCEAN_2.0_Applicator-E-130F180F   | <br>KIT<br>TE Part # 7-2150008-7<br>OCEAN_2.0_SPARE_PART_KIT-130F180F | <br>TE Part # 2-2150008-1<br>OCEAN_2.0_Applicator-E-130F180F |
| <br>TE Part # 2-2150008-2<br>OCEAN_2.0_Applicator-E-130F180F | <br>TE Part # 2-2150911-1<br>OCEAN_2.0_Applicator-E-130F180F | <br>TE Part # 2-2150911-2<br>OCEAN_2.0_Applicator-E-130F180F          | <br>TE Part # 2150008-2<br>OCEAN_2.0_Applicator-E-130F180F   |



|                                                                                                                                                    |                                                                                                                                                    |                                                                                                                                                         |                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2150911-1<br/>OCEAN_2.0_Applicator-E-130F180F</p>   |  <p>TE Part # 2150911-2<br/>OCEAN_2.0_Applicator-E-130F180F</p>   |  <p>TE Part # 346100-4<br/>Ring-Tongue A6-1,similar to DIN 46225</p> |  <p>TE Part # 7-2150008-1<br/>OCEAN_2.0_Applicator-E-130F180F</p>   |
|  <p>TE Part # 7-2150008-2<br/>OCEAN_2.0_Applicator-E-130F180F</p> |  <p>TE Part # 7-2150911-1<br/>OCEAN_2.0_Applicator-E-130F180F</p> |  <p>TE Part # 7-2150911-2<br/>OCEAN_2.0_Applicator-E-130F180F</p>    |  <p>TE Part # 7-2150911-7<br/>OCEAN_2.0_SPARE_PART_KIT-130F180F</p> |

Customers Also Bought

|                                                                                                                                                      |                                                                                                                                                |                                                                                                                                                                                   |                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #177912-1<br/>STD Temp Power Double Lock Cap</p>      |  <p>TE Part #350436-2<br/>RING TERMINAL 18-14 AWG TPST</p>  |  <p>TE Part #42101-2<br/>PIN RECEPTACLE 18-16 AWG TPBR</p>                                   |  <p>TE Part #1969507-2<br/>250 FASTON HSG.,FLAG,REC.,1 POS, NATRUAL</p> |
|  <p>TE Part #176498-4<br/>POSITIVE LOCK 187 (4.8 MM) HOUSING</p>  |  <p>TE Part #177921-1<br/>POWER D/LOCK PLATE 5P NATURAL</p> |  <p>TE Part #1969206-1<br/>ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch</p> |  <p>TE Part #2-521144-2<br/>ULTRA-FAST 250 ASY TAB 22-18 TPBR</p>       |
|  <p>TE Part #2-520263-2<br/>ULTRA-FAST 250 ASY REC 22-18 TPBR</p> |  <p>TE Part #DT3P-DC<br/>DEUTSCH DT DUST CAPS</p>           |                                                                                                                                                                                   |                                                                                                                                                              |

Documents



Product Drawings

RING TONGUE .164 18-14 AWG SST

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_640051-1\_W.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_640051-1\_W.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_640051-1\_W.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

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

English