

42745-2 ✓ ACTIVE

TE Internal #: 42745-2

Receptacle Terminal, 2.28 mm [.09 in] Pin Diameter, 20 – 14 AWG, .

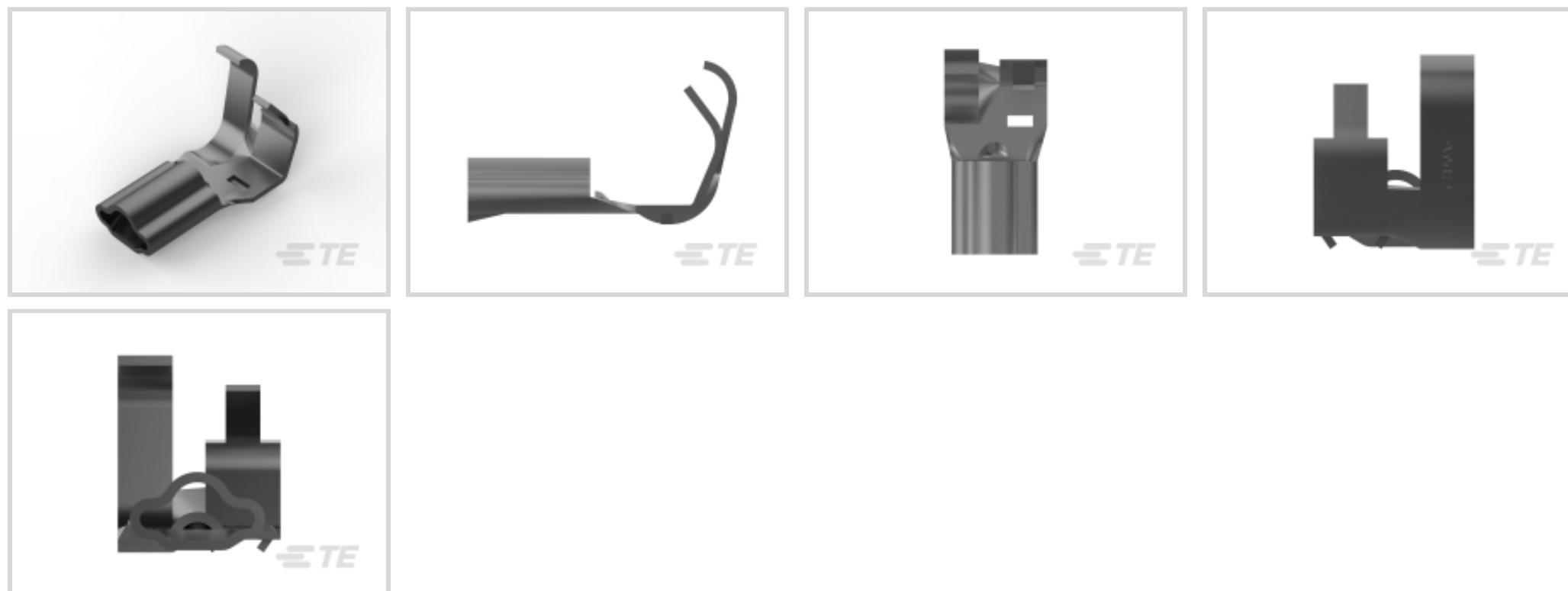
5 – 2.27 mm² Wire, 1021 – 4106 CMA, 13.97 mm [.55 in] Length,

Open Barrel

[View on TE.com >](#)



Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Receptacle Terminal**

Mating Pin Diameter: **2.28 mm [.09 in]**

Compatible Insulation Diameter Range: **3.05 – 4.32 mm, 4.32 mm [.12 – .17 in, .17 in]**

Wire Size: **.5 – 2.27 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type

Solid, Stranded

Configuration Features

Compatible With Wire & Cable Type

Discrete Wire

Contact Features

Crimp Wire Terminal Type

Receptacle Terminal

Mating Pin Diameter

2.28 mm [.09 in]

Barrel Type

Open

Terminal Plating Material

Tin

Terminal Orientation

Flag

Mechanical Attachment

Wire Insulation Support

With

Dimensions

Compatible Insulation Diameter Range

3.05 – 4.32 mm, 4.32 mm [.12 – .17 in][.17 in]

Wire Size

1021 – 4106 CMA

Terminal Material Thickness

.46 mm [.018 in]



Overall Product Length 13.97 mm [.55 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]

Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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

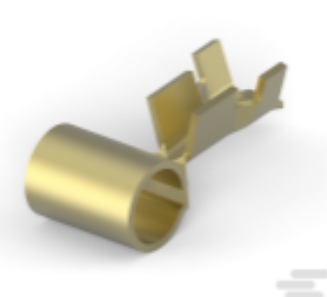

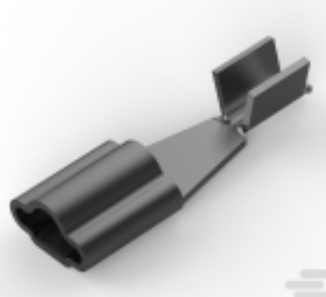


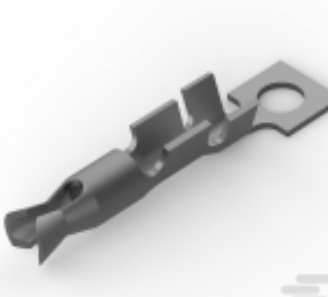

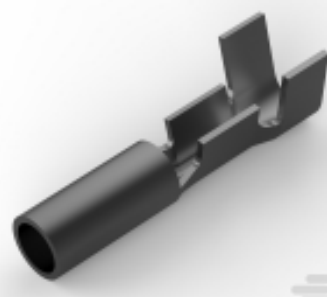
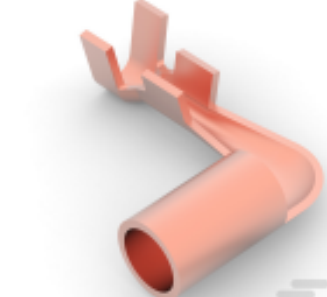

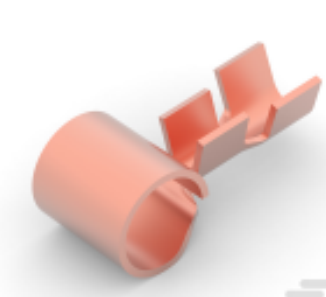

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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>

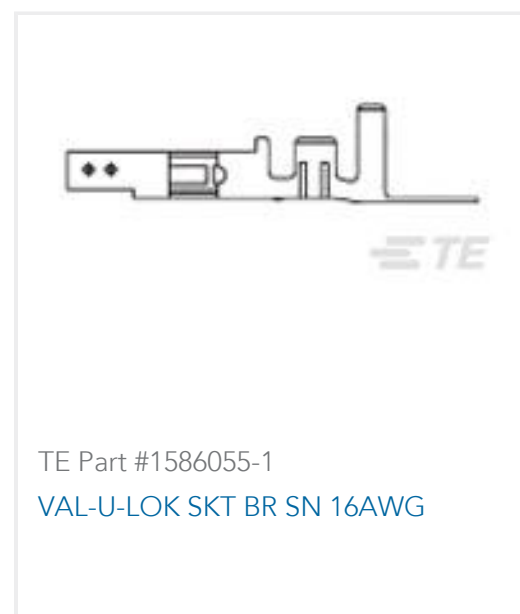
Compatible Parts



 <p>TE Part # 344469-2 ANGLE PIN RECEPTACLE 20-16 AWG PHBRZ</p>	 <p>TE Part # 160783-6 2,0 MM.DIA PIN REC</p>	 <p>TE Part # 60733-1 PIN .090 RECEPTACLE TPPHBZ</p>	 <p>TE Part # 60885-2 PIN .055 REC 24-20 AWG TPPHBZ</p>
 <p>TE Part # 60376-1 PIN 090 RECEPTACLE 20-14 AWG TPPHBZ</p>	 <p>TE Part # 42428-5 PIN TERMINAL RECEPTACLE 24-20 AWG TPPHBZ</p>	 <p>TE Part # 140712-2 PIN .155 DIA REC 18-14 AWG TPBR</p>	 <p>TE Part # 41854 PIN 093 (2.36 MM) REC 22-18 AWG TPBR</p>
 <p>TE Part # 150656-1 SHUR PLUG .156 DIA REC 20-16 AWG PB</p>	 <p>TE Part # 140712-1 TERMINAL SOCKET DIA 4 AWG 14 18 BLANK</p>	 <p>TE Part # 154740-1 PIN .175 DIA REC 20-16AWG PB</p>	 <p>TE Part # 1742350-1 PIN 2.08 DIA 22-18AWG TPBR</p>

Customers Also Bought

 <p>TE Part #2-32953-1 PG R 22-16 COMM 22-18 MIL 1/4</p>	 <p>TE Part #42742-1 250 FASTON FLAG REC 18-12 AWG BR</p>	 <p>TE Part #62048-2 250 FASTON REC 18-14 AWG TPBR</p>	 <p>TE Part #62253-1 250 FASTON REC 14-10 BR</p>
 <p>TE Part #2-324955-1 TERMINAL,SOLIS R 16-14 8</p>	 <p>TE Part #2-520083-2 ULTRA-FAST .110/.125 ASY REC 22-18 TPBR</p>	 <p>TE Part #3-520106-2 ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR</p>	 <p>TE Part #3-520125-2 ULTRAFast 187 ASSY REC 16-14 TPBR LP</p>



Documents

Product Drawings

[PIN 090 FLAG RECEPTACLE 20-14 AWG TPPHBZ](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_42745-2_BR.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42745-2_BR.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_42745-2_BR.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Pin Receptacle Contact With Closed Seam](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English