

32947 ✓ ACTIVE

PLASTI-GRIP | PLASTI-GRIP

TE Internal #: 32947

PLASTI-GRIP, Ring Terminals & Spade Terminals, Ring Tongue, 22AWG Wire Size, .3 – 1.42mm<sup>2</sup> Wire Size, 509 – 3260CMA Wire Size, #6 / M3.5

[View on TE.com >](#)



Terminals & Splices > Ring Terminals & Spade Terminals



Terminal & Splice Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

Ring & Spade Stud Size: **#6, M3.5**

## Features

### Product Type Features

Shape Description	RING-043
Ring & Spade Stud Size	#6, M3.5
Ring & Spade Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Ring & Spade Wire/Cable Type	Regular Wire
Support Style	Insulation Support

### Configuration Features

Number of Holes	1
Terminal Angle	Straight

### Electrical Characteristics

Voltage (Max)	600 V
---------------	-------

### Body Features

Inspection Slot	No
Insulation Sleeve Color	Red
Stripe Color	Red
Ring & Spade Plating Material	Copper, Tin

### Contact Features

Terminal & Splice Type	Ring Tongue
------------------------	-------------



Ring &amp; Spade Terminal Orientation

Offset

### Mechanical Attachment

Wire Insulation Support

With

### Dimensions

Wire Size

509 – 3260 CMA

Stud Diameter

3.68 mm[.145 in]

Tongue Thickness

.79 mm[.031 in]

Ring &amp; Spade Overall Length

20.55 mm[.809 in]

Ring &amp; Spade Wire Insulation Diameter (Max)

3.18 mm[.125 in]

Ring &amp; Spade Wire Insulation Diameter

2.03 – 3.18 mm[.08 – .125 in]

### Usage Conditions

Insulation Requirement

Partially Insulated

Operating Temperature Range

105 °C[221 °F]

### Operation/Application

Heavy Duty

No

### Industry Standards

Government Qualified

No

### Packaging Features

Packaging Quantity

1000

Ring &amp; Spade Packaging Method

Loose Piece

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

Not Low Halogen - contains Br or Cl > 900  
ppm.

Solder Process Capability










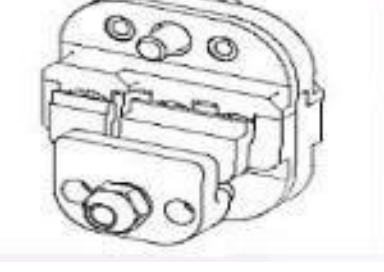
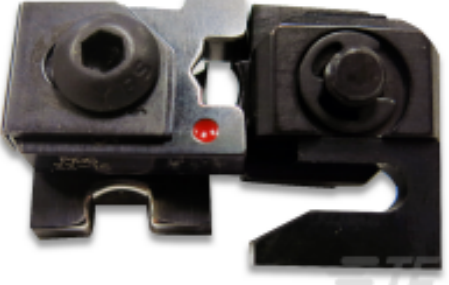

Not applicable for solder process capability



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 # 59170 T-HEAD PIDG SH 26-14 ASSY</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 47386 DAHT PG PIDG 26-16 ASSY</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 47386-4 DAHT PG PIDG 26-16 ASSY</p>	 <p>TE Part # 58433-3 PRO CR ASSY, RBY IS9252</p>
 <p>TE Part # 59250 T-HEAD PIDG 26-14 ASSY</p>	 <p>TE Part # 58423-1 DIE, RBY IS9252</p>	 <p>TE Part # 59824-1 TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p>	 <p>REPRESENTATION ONLY</p> <p>TE Part # 525690 DAHT PG PIDG 20-18 ASSY</p>
 <p>TE Part # 539691-2 ERGO DIE R.B.Y</p>	 <p>TE Part # 2063030-1 SDE DIESET, RBY, UL</p>	 <p>TE Part # 47806-2 DIES PIDG 22-16 DIE SET</p>	 <p>TE Part # 59300 T-HEAD PIDG PG 26-16 ASSY</p>

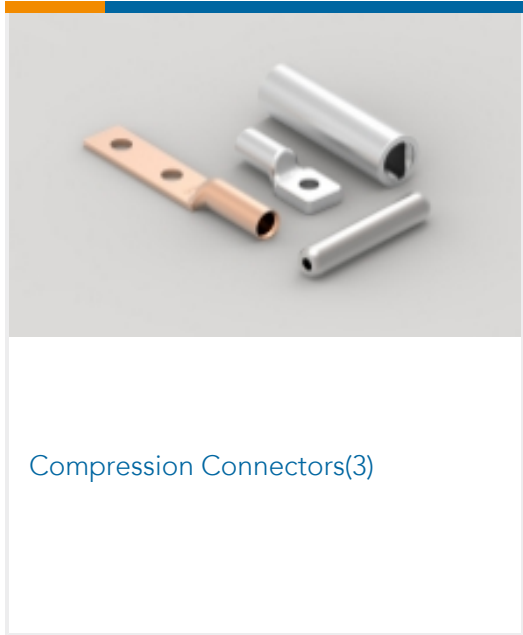


TE Part # 169404  
CERTI-LOK DIE



TE Part # 169400  
CERTI-LOK

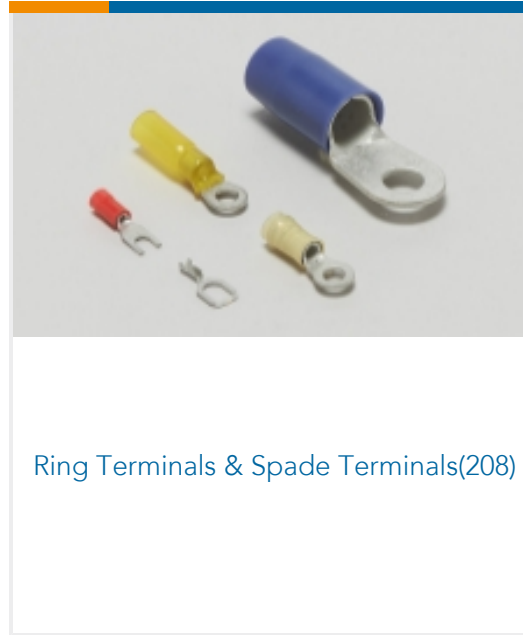
### Also in the Series | PLASTI-GRIP



Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(11)



Ring Terminals & Spade Terminals(208)



Splices(45)

### Customers Also Bought



TE Part #1658689-1  
D-Sub Crimp Recpt Signal 26 Posn,  
Socket Size 22, Shell Size 2



TE Part #1658658-1  
D-Sub Crimp Recpt Signal 25 Posn,  
Socket Size 20, Shell Size 3



TE Part #1658691-1  
D-Sub Crimp: Plug, Signal, 50 Posn,  
Pin Size 22, Shell Size 1



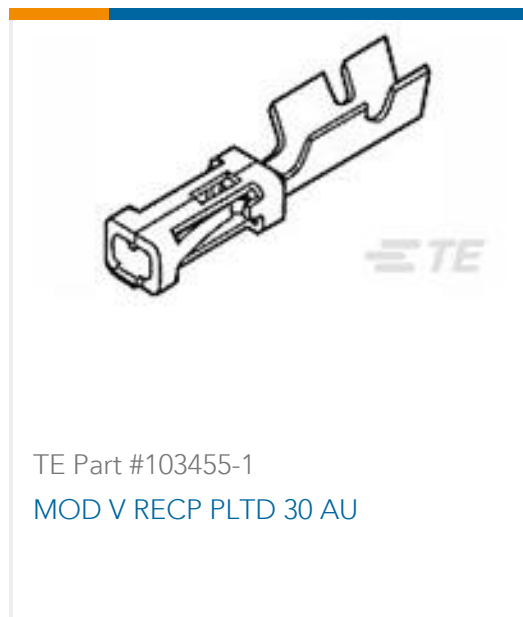
TE Part #1658620-4  
20 NOVO MIL 15DP, LEAD FREE



TE Part #1658620-1  
10 NOVO MIL 15DP, LEAD FREE



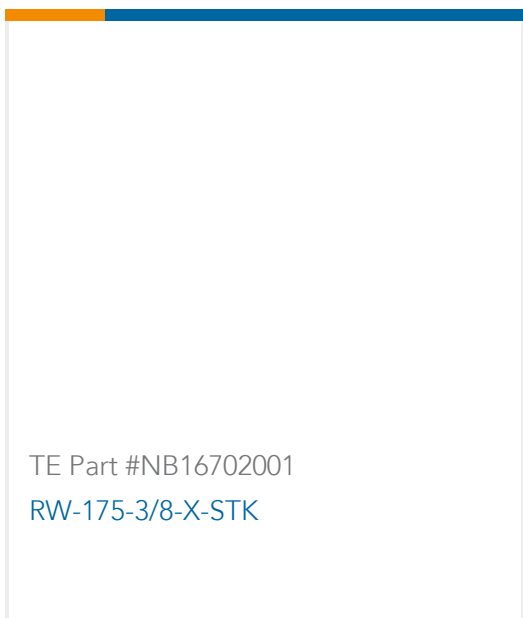
TE Part #2-1761679-7  
IDC LOW PRO HDR 20P VERT BLUE



TE Part #103455-1  
MOD V RECP PLTD 30 AU



TE Part #1658679-1  
D-Sub Crimp: Plug, Signal, 26 Posn,  
Pin Size 22, Shell Size 2



TE Part #NB16702001  
RW-175-3/8-X-STK



## Documents

### Product Drawings

[PG R 22-16 COMM 22-18 MIL 6](#)

English

---

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_32947\\_N.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_32947\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_32947\\_N.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

[MD\\_32947\\_022720182357\\_dmtec](#)

English

[MD\\_32947\\_022720182357\\_dmtec](#)

English

---

### Agency Approvals

[UL Report](#)

English

[UL Report](#)

English

[UL Report](#)

English