

52955 ✓ ACTIVE

PLASTI-GRIP

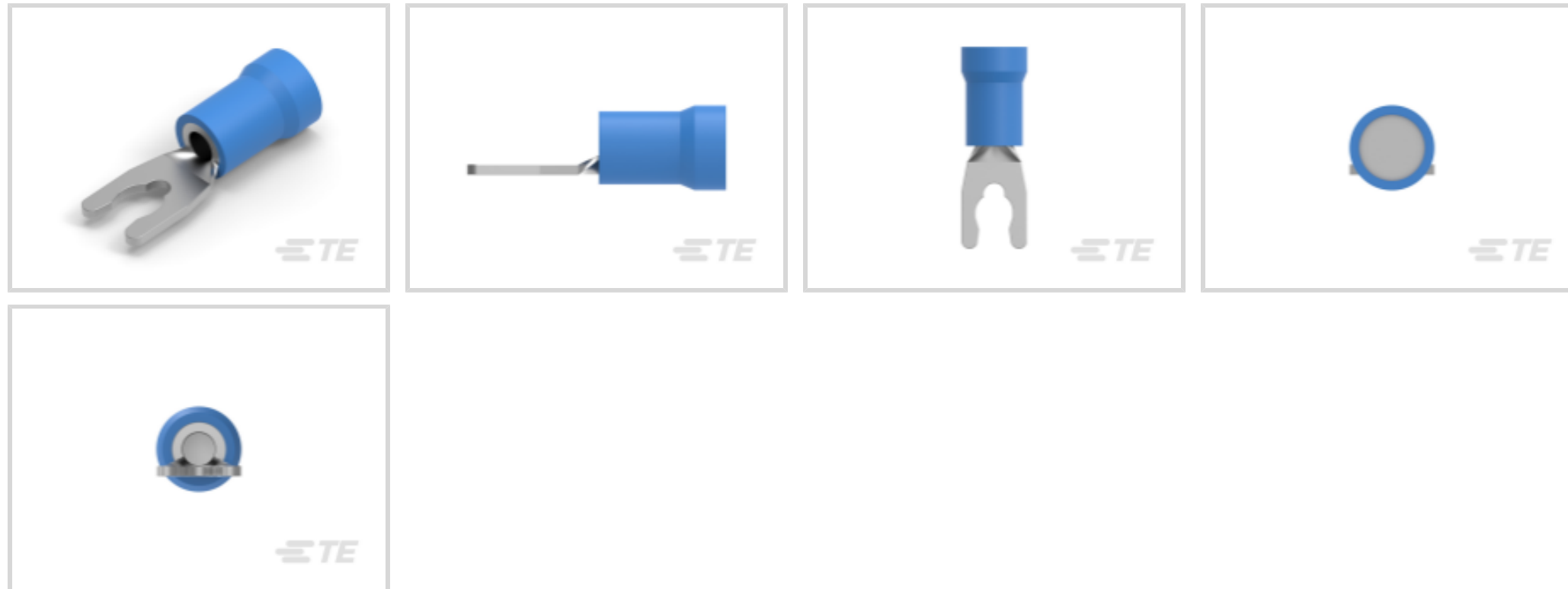
TE Internal #: 52955

Ring Terminals & Spade Terminals, Spring Spade, 16 – 14 AWG
Wire Size, 1.25 – 2 mm² Wire Size, 2050 – 5180 CMA Wire Size,
PLASTI-GRIP

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Spring Spade**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#6, M3.5**

Features

Product Type Features

| | |
|--|--------------------|
| Shape Description | SPADE-029 |
| Stud Size | #6, M3.5 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

| | |
|----------------|-------|
| Terminal Angle | 180 ° |
|----------------|-------|

Electrical Characteristics

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

Body Features

| | |
|-------------------------|------|
| Inspection Slot | No |
| Insulation Sleeve Color | Blue |
| Stripe Color | Red |

Contact Features

| | |
|----------------------------|--------------|
| Ring & Spade Terminal Type | Spring Spade |
| Barrel Type | Closed |



| | |
|---------------------------|----------|
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

Mechanical Attachment

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

Dimensions

| | |
|--|----------------------------|
| Wire Size | 2050 – 5180 CMA |
| Stud Diameter | 3.56 mm[.14 in] |
| Tongue Thickness | .79 mm[.031 in] |
| Overall Product Length | 20.6 mm[.811 in] |
| Accepts Wire Insulation Diameter (Max) | 4.9 mm[.193 in] |
| Accepts Wire Insulation Diameter Range | 3 – 4.9 mm[.118 – .193 in] |

Usage Conditions

| | |
|-----------------------------|---------------------|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F] |

Operation/Application

| | |
|---------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
| Compatible With Wire Plating Material | Tin |
| Heavy Duty | No |

Industry Standards

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

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 1000 |
| Packaging Method | Loose Piece |

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) |

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

TE Part # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

TE Part # 58433-3
PRO CR ASSY, RBY IS9252

TE Part # 59250
T-HEAD PIDG 26-14 ASSY

TE Part # 47387
DAHT PG PIDG 20-14 ASSY

TE Part # 58423-1
DIE, RBY IS9252

TE Part # 47387-7
DAHT PG PIDG 16-12 ASSY

TE Part # 525691
DAHT PG PIDG 16-14 ASSY

TE Part # 539691-2
ERGO DIE R.B.Y

TE Part # 2063030-1
SDE DIESET, RBY, UL

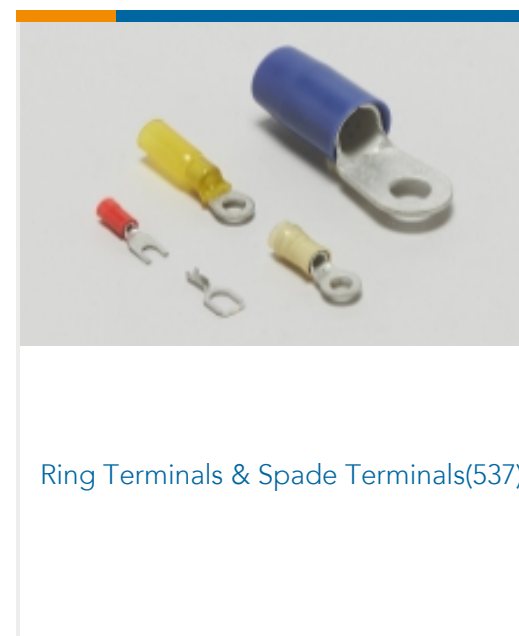
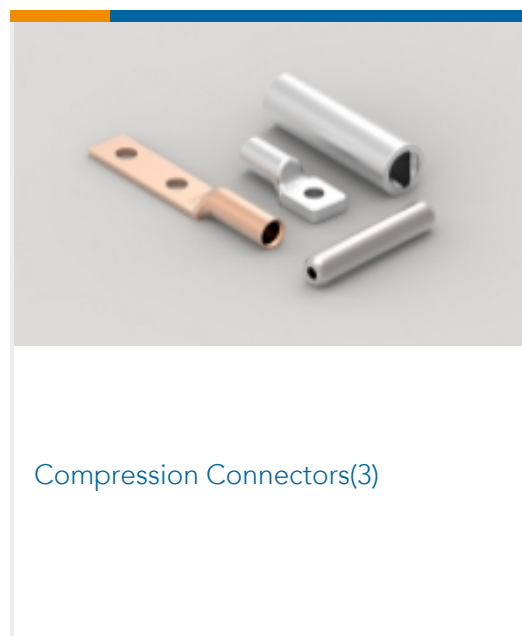
TE Part # 47807-1
DIES PIDG 16-14 DIE SET

TE Part # 169400
CERTI-LOK FRAME W/O DIES

TE Part # 1SET191001R0000
CRIMP-HT



Also in the Series | PLASTI-GRIP



Documents

Product Drawings

[TERMINAL,PG SPR SPD 16-14 6](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_52955_U.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52955_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52955_U.3d_stp.zip](#)

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Customer View Model

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Customer View Model

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English



Customer View Model

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English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[MD_52955_03012011527](#)

English

[MD_52955_03012011527](#)

English

[TE Material Declaration](#)

English

Instruction Sheets

[AMP* PIDG* \(VINYL\) & PLASTI-GRIP* SHORT SPRING SPADE TERMINALS FOR BAR](#)

English

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

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English