

52464-1 ✓ ACTIVE

PLASTI-GRIP

TE Internal #: 52464-1

Rings & Spades, Spring Spade, 16 – 14AWG Wire Size, 1.25 – 2mm²

Wire Size, 2050 – 5180CMA Wire Size, M4 / #8, Stud Diameter 4.17

mm [.164 in]

[View on TE.com >](#)



Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spring Spade**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#8, M4**

Features

Product Type Features

| | |
|-------------------|--------------------|
| Shape Description | SPADE-033 |
| Stud Size | #8, M4 |
| Barrel Type | Closed Barrel |
| Sealable | No |
| Insulated | Yes |
| Wire/Cable Type | Regular Wire |
| Support Style | Insulation Support |

Configuration Features

| | |
|----------------|----------|
| Terminal Angle | Straight |
|----------------|----------|

Electrical Characteristics

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

Body Features

| | |
|-------------------------|----------------------|
| Inspection Slot | No |
| Insulation Sleeve Color | Blue |
| Stripe Color | Blue |
| Plating Material | Phosphor Bronze, Tin |

Contact Features

| | |
|------------------------|--------------|
| Terminal & Splice Type | Spring Spade |
| Terminal Orientation | Offset |



Mechanical Attachment

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

Dimensions

| | |
|--------------------------------|-----------------------------|
| Wire Size | 2050 – 5180 CMA |
| Stud Diameter | 4.17 mm [.164 in] |
| Tongue Thickness | .79 mm [.031 in] |
| Overall Length | 25.171 mm [.991 in] |
| Wire Insulation Diameter (Max) | 4.9 mm [.193 in] |
| Wire Insulation Diameter | 3 – 4.9 mm [.118 – .193 in] |

Usage Conditions

| | |
|-----------------------------|-----------------|
| Operating Temperature Range | 105 °C [221 °F] |
|-----------------------------|-----------------|

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|--------------------|--------------|
| Packaging Quantity | 5000 |
| Packaging Method | Tape Mounted |

Product Compliance

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

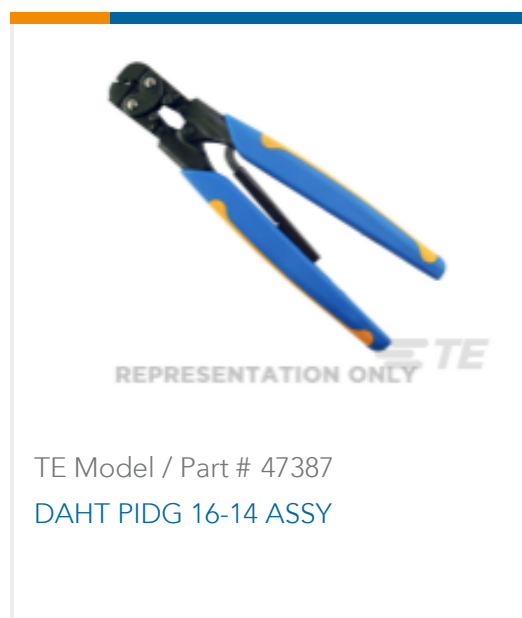
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2017 (173) Does not contain REACH SVHC |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Customers Also Bought





Documents

Product Drawings

[TERMINAL, PG SPR SPD 16-14 8](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_52464-1_P_c-52464-1-p.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52464-1_P_c-52464-1-p.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_52464-1_P_c-52464-1-p.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English