

320665 ✓ ACTIVE

PLASTI-GRIP

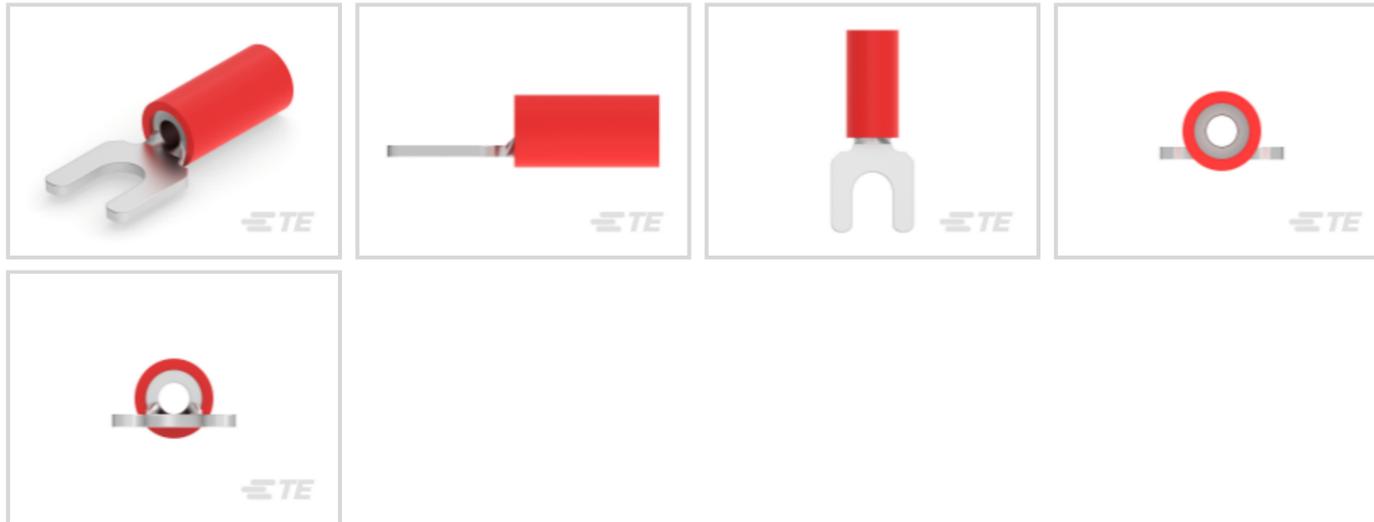
TE Internal #: 320665

Spade Tongue Terminal, 22 – 16 AWG, #6 / M3.5 Stud, 3.68 mm [.145 in] Stud Diameter, Closed Barrel, Straight, Tin Plating, PLASTI-GRIP

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Terminals & Splices > Spade Terminals



Spade Terminal Type: **Spade Tongue Terminal**

Wire Size: **509 – 3260 CMA**

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

Features

Product Type Features

| | |
|--|------------------------|
| Stud Size | #6, M3.5 |
| Sealable | No |
| Wire Insulation Support Retention Type | Non-Insulation Support |

Electrical Characteristics

| | |
|----------------|-------|
| Voltage Rating | 600 V |
|----------------|-------|

Body Features

| | |
|----------------|---------|
| Product Weight | 3.344 g |
|----------------|---------|

Contact Features

| | |
|---------------------------|-----------------------|
| Spade Terminal Type | Spade Tongue Terminal |
| Barrel Type | Closed |
| Terminal Orientation | Straight |
| Terminal Plating Material | Tin |

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] |
| Product Length | 19.43 mm [.765 in] |
| Compatible Insulation Diameter (Max) | 3.56 mm [.14 in] |
| Compatible Insulation Diameter Range | 2.67 – 3.56 mm [.105 – .14 in] |

Usage Conditions

| | |
|-----------------------------|-------------------------|
| Insulation Option | Partially Insulated |
| Operating Temperature Range | 0 – 105 °C [0 – 221 °F] |

Operation/Application

| | |
|---------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
| Compatible With Wire Plating Material | Tin |

Industry Standards

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

Packaging Features

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

Product Compliance

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

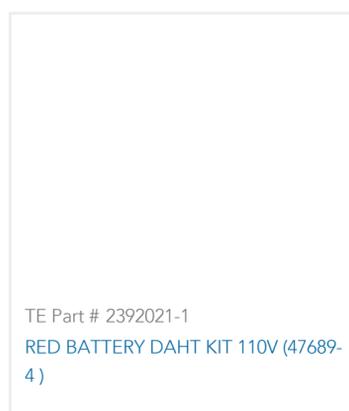
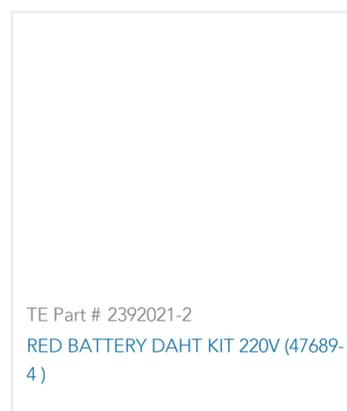
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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>

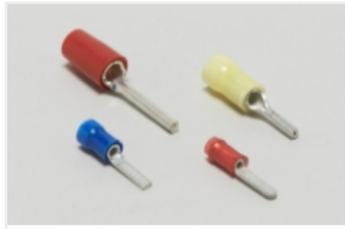
Compatible Parts



Also in the Series | **PLASTI-GRIP**



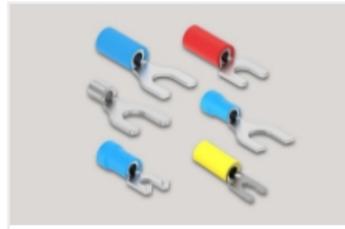
Compression Connectors(3)



Crimp Wire Pins, Tabs & Ferrules(20)



Ring Terminals(310)



Spade Terminals(158)

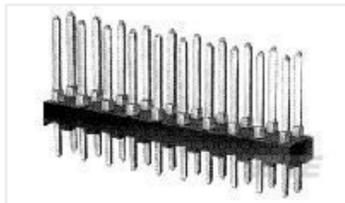


Splices(45)

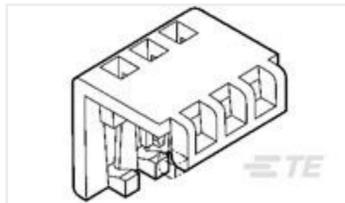
Customers Also Bought



TE Part #34155
PG SPD 22-16 COMM 22-18 MIL 8



TE Part #87215-2
10 MODII HDR DRST UNSHRD .100



TE Part #1-643075-4
14P MTA100 MOLDED COVER



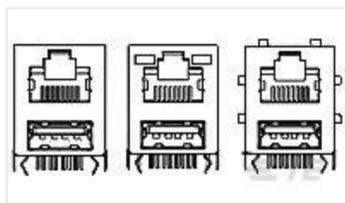
TE Part #3-794636-8
08P MICRO MNL ASSY,VRT,SMT,LF



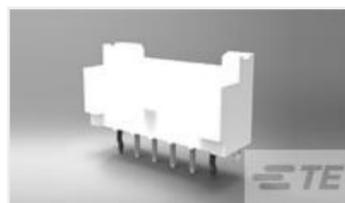
TE Part #1625868-6
RP 2A 0.25W 200R 0.1% 25PPM 1K RL



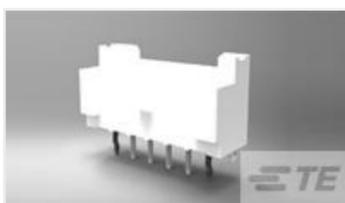
TE Part #5-1775443-3
EMIX CONN., 1.5MM PITCH, HDR, V /T, 3P



TE Part #1-1775855-1
RJ45 W/ USB HTD BLK 30u"



TE Part #2132230-3
EP2.5 Shrouded HDR ASSY 3P VER



TE Part #2132230-6
EP2.5 Shrouded HDR ASSY 6P VER



TE Part #3-2176057-4
RLP73K 3A R24 1% 1K RL

Documents



Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_320665_N.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_320665_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_320665_N.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

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