

31901

 SUPERSEDED

PIDG

TE Internal #: 31901

TE Internal Description: TERMINAL,PIDG R 16-14 6

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Terminals & Splices > Ring Terminals & Spade Terminals



Wire Size: 2050 – 5180 CMA

Stud Size: #6, M3.5

Stud Diameter: 3.51 mm [.138 in]

Features

Product Type Features

| | |
|--|--------------------|
| Shape Description | RING-041 |
| Stud Size | #6, M3.5 |
| Wire Insulation Support Retention Type | Insulation Support |

Configuration Features

| | |
|-----------------|---|
| Number of Holes | 1 |
|-----------------|---|

Electrical Characteristics

| | |
|---------------|-------|
| Voltage (Max) | 300 V |
|---------------|-------|

Body Features

| | |
|------------------|---------|
| Inspection Slot | No |
| Weight per Piece | 1.093 g |

Contact Features

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

Mechanical Attachment

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

Dimensions

| | |
|------------------|-------------------|
| Wire Size | 2050 – 5180 CMA |
| Stud Diameter | 3.51 mm [.138 in] |
| Tongue Thickness | .84 mm [.033 in] |



| | |
|------------------------|-------------------|
| Overall Product Length | 21.81 mm[.859 in] |
|------------------------|-------------------|

| |
|---------------|
| .115 – .17 in |
|---------------|

Operation/Application

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

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 5000 |
|--------------------|------|

| | |
|------------------|-------------|
| 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: JUN 2018 (191) Does not contain REACH SVHC |
|--|--|

| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

| | |
|---------------------------|--|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|--|

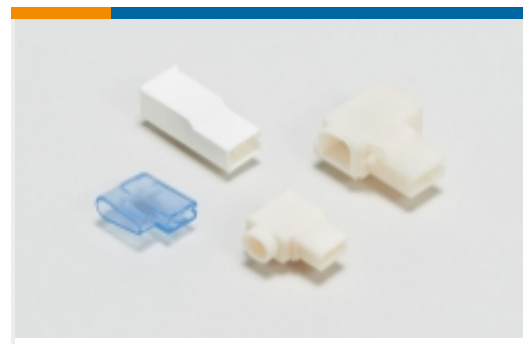
Product Compliance Disclaimer

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>

Also in the Series | **PIDG**



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



Knife Disconnects(11)



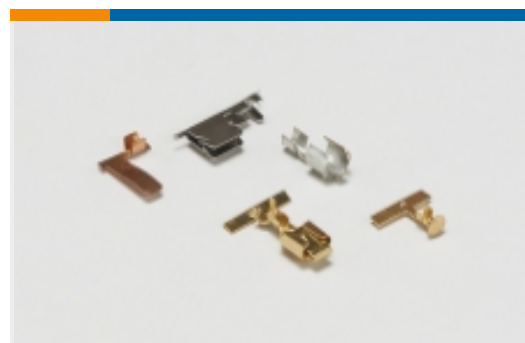
PCB Terminals(9)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(861)



Special Purpose Terminals(1)



Splices(48)

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_31901_Y.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_31901_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_31901_Y.3d_stp.zip](#)

English

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Agency Approvals

[UL Report](#)

English

[UL Report](#)



English