



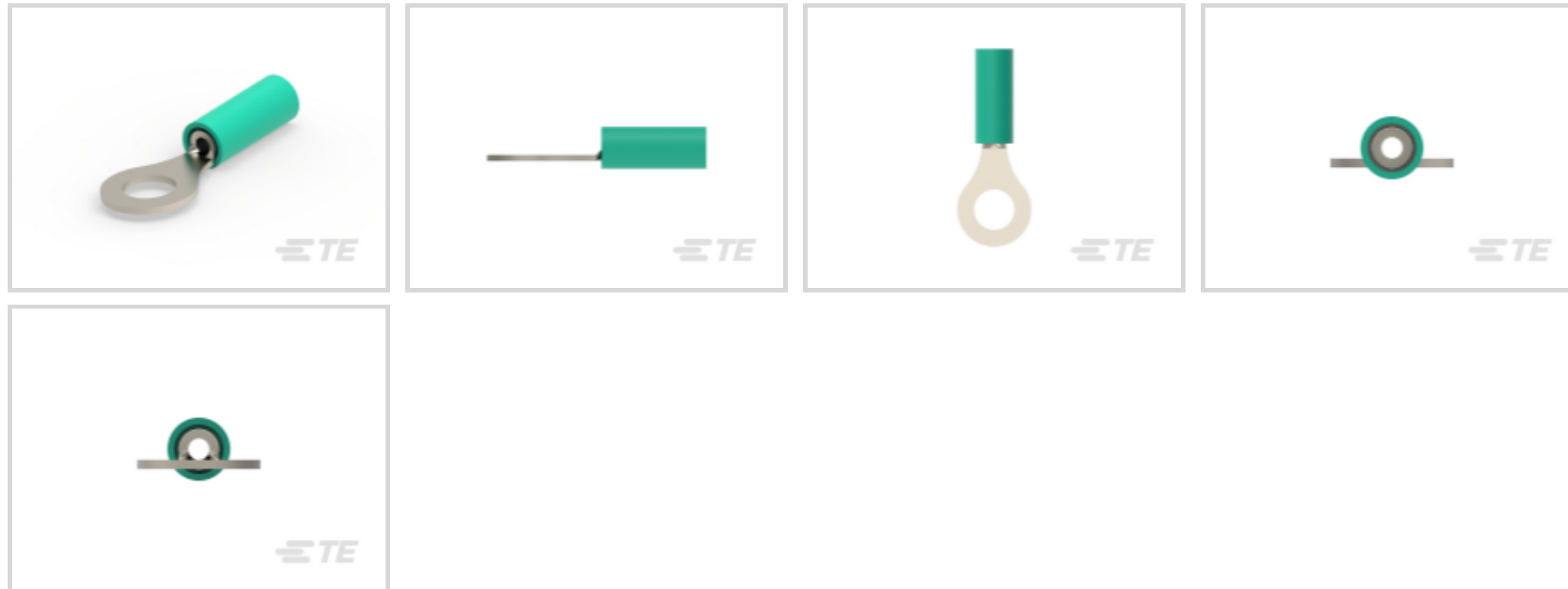
**STRATO-THERM**

TE Internal #: 50832

Closed Ring Tongue Terminal, 22 – 20 AWG, M4 / #8 Stud Size, 4.34 mm [.171 in] Stud Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM

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Terminals & Splices > Ring Terminals



Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **509 – 1290 CMA**

Stud Size: **#8, M4**

**Features**

**Product Type Features**

|  |                             |
|--|-----------------------------|
| Ring Terminal Product Type             | Closed Ring Tongue Terminal |
| Stud Size                              | #8, M4                      |
| Sealable                               | No                          |
| Wire Insulation Support Retention Type | Insulation Support          |

**Configuration Features**

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

**Electrical Characteristics**

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

**Body Features**

|                |      |
|----------------|------|
| Product Weight | 10 g |
|----------------|------|

**Contact Features**

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

**Mechanical Attachment**

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

### Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Wire Size                            | 509 – 1290 CMA               |
| Stud Diameter                        | 4.34 mm [.171 in]            |
| Tongue Thickness                     | .64 mm [.025 in]             |
| Product Length                       | 21.21 mm [.835 in]           |
| Compatible Insulation Diameter (Max) | 2.54 mm [.1 in]              |
| Compatible Insulation Diameter Range | .89 – 2.54 mm [.035 – .1 in] |

### Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Option           | Partially Insulated |
| Operating Temperature Range | 288 °C [550 °F]     |

### 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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Bromine/Chlorine - Br and Cl < 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>

## Compatible Parts



TE Part # 50832-3  
 TERMINAL,PIDG PTFE R 22-20 10



TE Part # 69692-1  
 T-HEAD PIDG STRATO 26-20 ASSY




TE Part # 69732  
 PIDG STRATO 22-20 DIE SET

## Also in the Series | STRATO-THERM



Crimp Wire Pins, Tabs & Ferrules(1)



Ring Terminals(93)



Splices(16)

## Customers Also Bought




TE Part #50836  
 TERMINAL,PIDG PTFE R 18-16 8



TE Part #50836-1  
 TERMINAL,PIDG PTFE R 18-16 10



TE Part #50831  
 TERMINAL,PIDG PTFE R 22-20 4



TE Part #695051-000  
 W-096-02



TE Part #036163-000  
B-013-10



TE Part #7-1625999-9  
HSC100 R39 5%



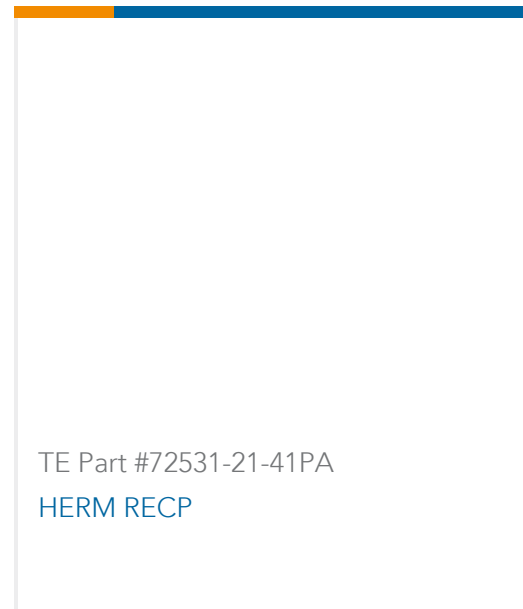
TE Part #ZPF0000000000007538  
983-0SE 12-12 PN



TE Part #ABC03N-16P-6210  
IN-LINE RECP



TE Part #ABC06N-22S-6210  
IN-LINE PLUG



TE Part #72531-21-41PA  
HERM RECP

## Documents

### Product Drawings

[TERMINAL,PIDG PTFE R 22-20 8](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_50832\\_H.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_50832\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_50832\\_H.3d\\_stp.zip](#)

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Customer View Model

[ENG\\_CVM\\_50832\\_H1.3d\\_igs.zip](#)

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Customer View Model

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English



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### Datasheets & Catalog Pages

#### STRATO-THERM Terminals & Splices for High Temperature Applications

English

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### Product Specifications

#### Application Specification

English