

1577649-1 ✓ ACTIVE



STRATO-THERM

TE Internal #: 1577649-1

Closed Ring Tongue Terminal, 10 AWG, 5/16 / M8 Stud Size, 8.34 mm [.328 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: **12066 CMA**

Stud Size: **M8, 5/16**

Features

Product Type Features

| | |
|--|-----------------------------|
| Ring Terminal Product Type | Closed Ring Tongue Terminal |
| Stud Size | M8, 5/16 |
| Sealable | No |
| Wire Insulation Support Retention Type | Insulation Support |

Dimensions

| | |
|--------------------------------------|---------------------------------|
| Wire Size | 12066 CMA |
| Stud Diameter | 8.34 mm [.328 in] |
| Tongue Thickness | .79 mm [.031 in] |
| Product Length | 34.5 mm [1.358 in] |
| Compatible Insulation Diameter (Max) | 5.44 mm [.214 in] |
| Compatible Insulation Diameter Range | 2.59 – 5.44 mm [.102 – .214 in] |
| Compatible Insulation Diameter (Min) | 2.6 mm [.102 in] |

Contact Features

| | |
|----------------------|----------|
| Barrel Type | Closed |
| Terminal Orientation | Straight |



| | |
|---------------------------|--------|
| Terminal Plating Material | Nickel |
|---------------------------|--------|

Usage Conditions

| | |
|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

| | |
|-----------------------------|----------------|
| Operating Temperature Range | 260 °C[500 °F] |
|-----------------------------|----------------|

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

| | |
|--------------------|-----|
| Packaging Quantity | 250 |
|--------------------|-----|

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

| | |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

Configuration Features

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

Electrical Characteristics

| | |
|----------------|-----|
| Current Rating | 1 A |
|----------------|-----|

Body Features

| | |
|-------------------------|-------|
| Insulation Sleeve Color | Black |
|-------------------------|-------|

| | |
|--------------|-------|
| Stripe Color | Black |
|--------------|-------|

Mechanical Attachment

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

Industry Standards

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

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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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>

Compatible Parts



TE Part # 576784
HHHT PIDG PEEK STRATO 10 ASSY




TE Part # 576723
SAHT PIDG PEEK STRATO 10 DIE SET

Also in the Series | STRATO-THERM



Crimp Wire Pins, Tabs & Ferrules(1)

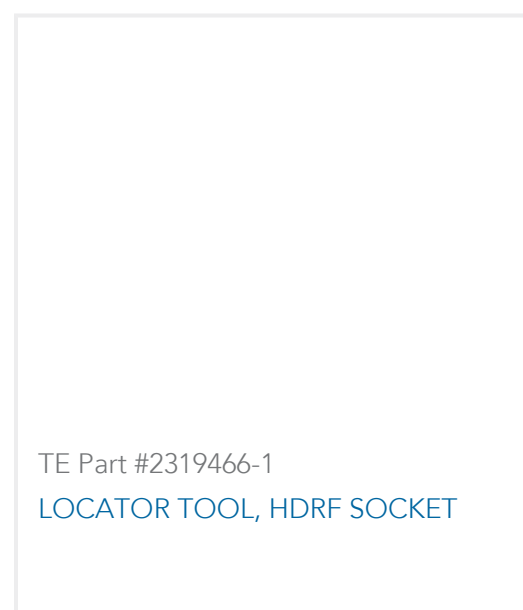
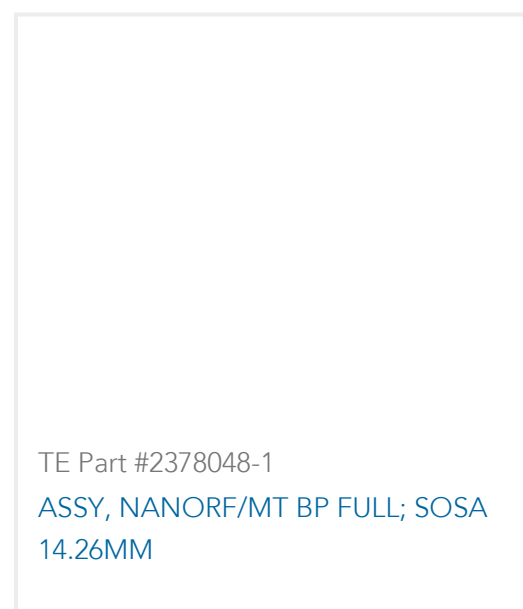


Ring Terminals(85)



Splices(13)

Customers Also Bought



Documents

Product Drawings

[TERMINAL RT PIDG PEEK STRATO 10 AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1577649-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1577649-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1577649-1_B.3d_stp.zip](#)

English

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Product Specifications

1577649-1

Closed Ring Tongue Terminal, 10 AWG, 5/16 / M8 Stud Size, 8.34 mm [.328 in] Stud Diameter, Closed Barrel, Straight, Nickel, STRATO-THERM



Application Specification

English