

1-321897-0 ✓ ACTIVE

## STRATO-THERM DIAMOND GRIP

TE Internal #: 1-321897-0

Ring Terminals & Spade Terminals, Ring Tongue, 22 – 16 AWG

Wire Size, .326 – 1.31 mm<sup>2</sup> Wire Size, 509 – 3260 CMA Wire Size,

STRATO-THERM DIAMOND GRIP

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Terminals & Splices > Ring Terminals & Spade Terminals



Ring & Spade Terminal Type: **Ring Tongue**

Wire Size: **509 – 3260 CMA**

Stud Size: **#8, M4**

### Features

#### Product Type Features

|  |                    |
|--|--------------------|
| Shape Description                      | RING-053           |
| Stud Size                              | #8, M4             |
| Sealable                               | No                 |
| Wire Insulation Support Retention Type | Insulation Support |

#### Configuration Features

|                 |       |
|-----------------|-------|
| Number of Holes | 1     |
| Terminal Angle  | 180 ° |

#### Body Features

|                  |        |
|------------------|--------|
| Weight per Piece | .298 g |
|------------------|--------|

#### Contact Features

|                            |             |
|----------------------------|-------------|
| Ring & Spade Terminal Type | Ring Tongue |
| Barrel Type                | Closed      |
| Terminal Orientation       | Offset      |
| Terminal Plating Material  | Unplated    |

#### Mechanical Attachment

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

#### Dimensions

|               |                  |
|---------------|------------------|
| Wire Size     | 509 – 3260 CMA   |
| Stud Diameter | 4.34 mm[.171 in] |



|  |                               |
|--|-------------------------------|
| Tongue Thickness                       | .79 mm[.031 in]               |
| Overall Product Length                 | 20.22 mm[.796 in]             |
| Accepts Wire Insulation Diameter (Max) | 3.56 mm[.14 in]               |
| Accepts Wire Insulation Diameter Range | 2.67 – 3.56 mm[.105 – .14 in] |

### Usage Conditions

|                             |                 |
|-----------------------------|-----------------|
| Insulation Option           | Uninsulated     |
| Operating Temperature Range | 649 °C[1200 °F] |

### Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Nickel |
| Heavy Duty                         | No     |

### Industry Standards

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

### Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 500         |
| 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: JAN 2022 (223)<br>Candidate List Declared Against: JAN 2022 (223)<br>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

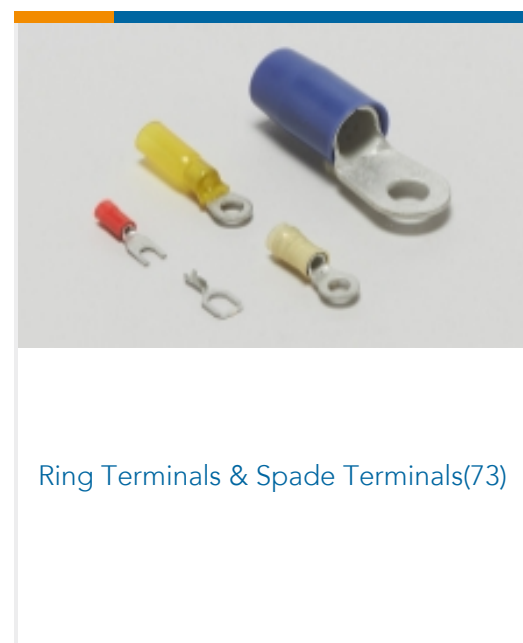
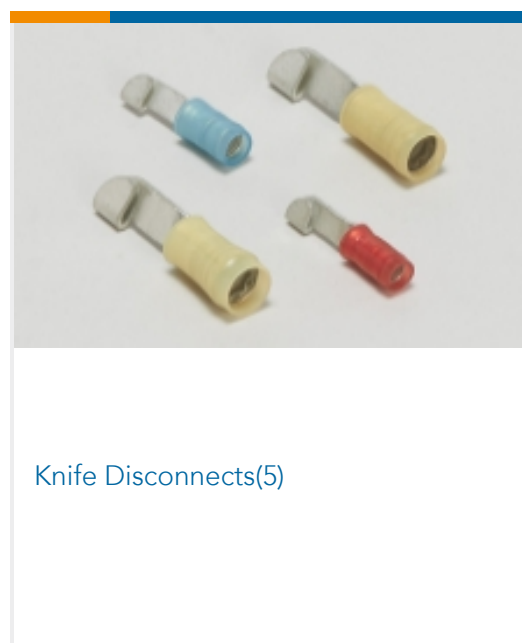
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

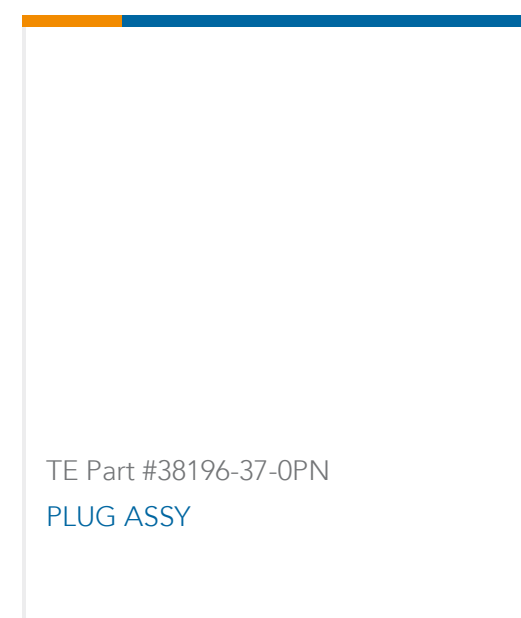
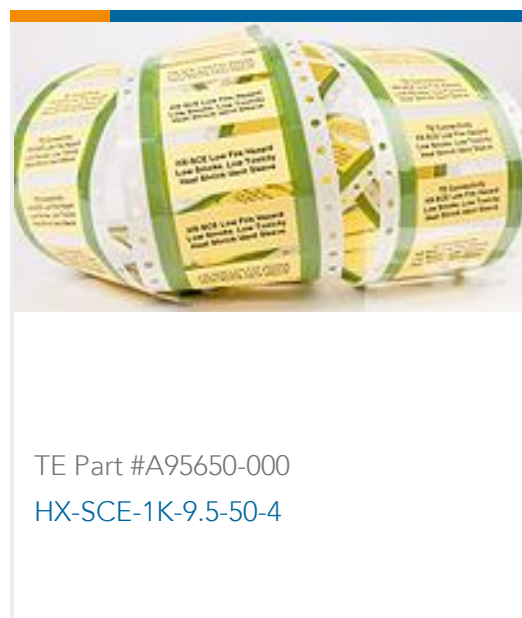
## Compatible Parts

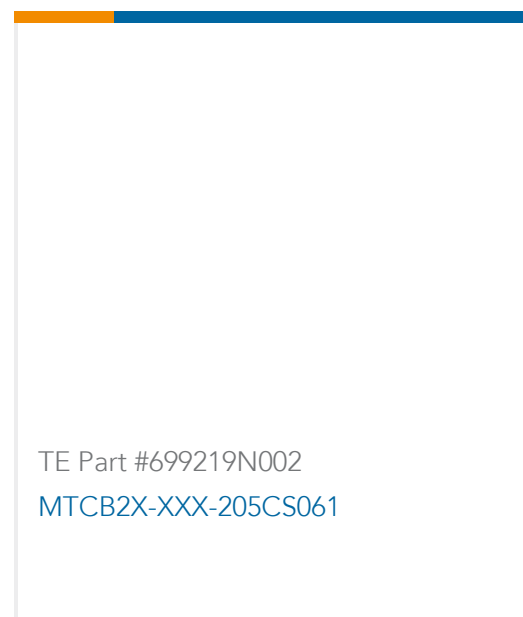
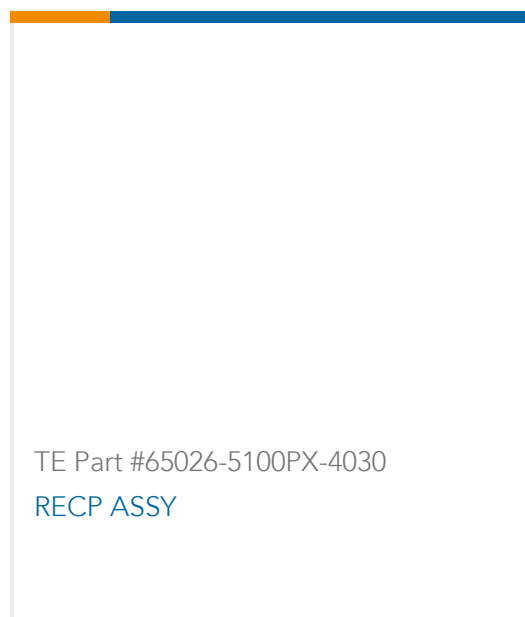


## Also in the Series | STRATO-THERM DIAMOND GRIP



## Customers Also Bought





## Documents

### Product Drawings

[DG 22-16 HT CHROMEL R 8](#)

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### CAD Files

Customer View Model

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English

[3D PDF](#)

3D

Customer View Model

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Customer View Model

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### Product Specifications

[Application Specification](#)

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### Product Environmental Compliance

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