

# 62243-3 ✓ ACTIVE

TE Internal #: 62243-3

Magnet Wire Terminals, Receptacle, Lead Wire Size 14 – 10 AWG,  
Lead Wire Size 2.08 – 5.26 mm<sup>2</sup>, Crimp, Crimp Area Length 4.32  
mm [.17 in], Tin Plating

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Terminals & Splices > Magnet Wire Terminals



Magnet Wire Terminal Type: **Receptacle**

Mating Pin Diameter: **3.18 mm [.125 in]**

Accepts Wire Insulation Diameter (Max): **4.32 mm [.17 in]**

Accepts Wire Insulation Diameter Range: **3.3 – 4.32 mm [.13 – .17 in]**

Lead Wire Size: **14 – 10 AWG**

## Features

### Product Type Features

|  |                     |
|--|---------------------|
| Wire Insulation Support Retention Type | Insulation Support  |
| Compatible With Discrete Wire Type     | Lead Wire, Stranded |
| Sealable                               | No                  |

### Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

### Contact Features

|                           |                   |
|---------------------------|-------------------|
| Crimp Type                | F-Crimp           |
| Magnet Wire Terminal Type | Receptacle        |
| Mating Pin Diameter       | 3.18 mm [.125 in] |
| Terminal Plating Material | Tin               |
| Terminal Orientation      | Straight          |

### Termination Features

|                                    |                  |
|------------------------------------|------------------|
| Termination Method to Wire & Cable | Crimp            |
| Crimp Area Length                  | 4.32 mm [.17 in] |



### Mechanical Attachment

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

### Housing Features

|                         |          |
|-------------------------|----------|
| Housing Retention Force | Standard |
|-------------------------|----------|

### Dimensions

|  |                             |
|--|-----------------------------|
| Terminal Height                        | 6.1 mm[.24 in]              |
| Accepts Wire Insulation Diameter (Max) | 4.32 mm[.17 in]             |
| Accepts Wire Insulation Diameter Range | 3.3 – 4.32 mm[.13 – .17 in] |
| Lead Wire Size                         | 2.08 – 5.26 mm <sup>2</sup> |
| Stock Thickness (Magnet Wire Side)     | .51 mm[.02 in]              |
| Overall Product Length                 | 20.96 mm[.825 in]           |

### Usage Conditions

|                   |             |
|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

### Operation/Application

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

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 9000    |
| Packaging Method   | Package |

### Product Compliance


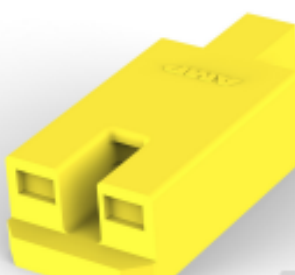









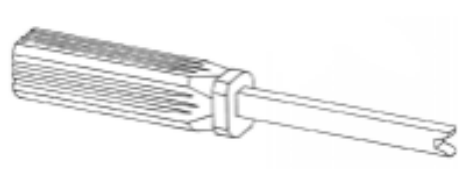

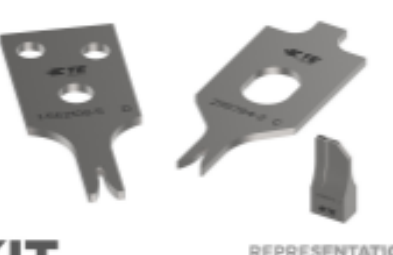
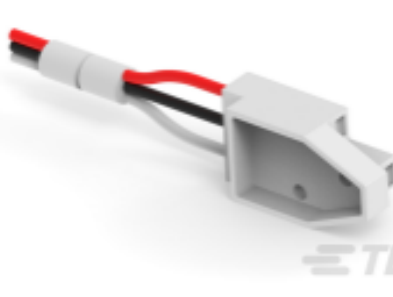
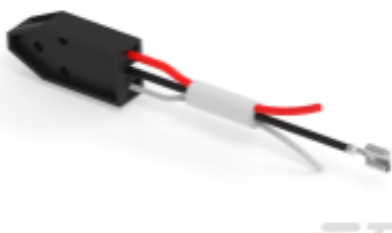
[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| 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)<br>Candidate List Declared Against: JAN 2022 (223)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| 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

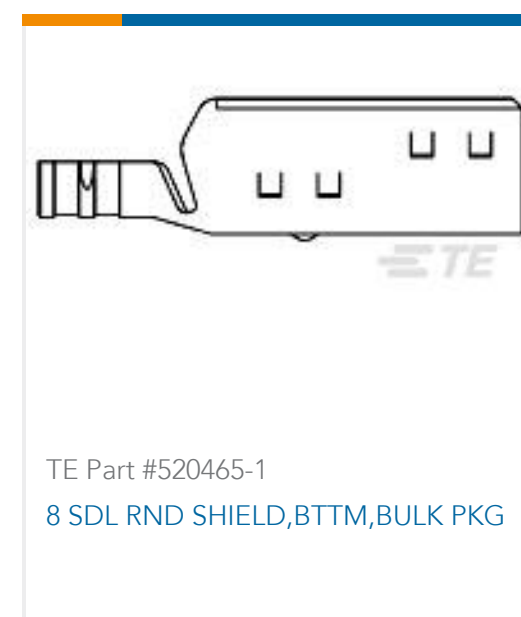
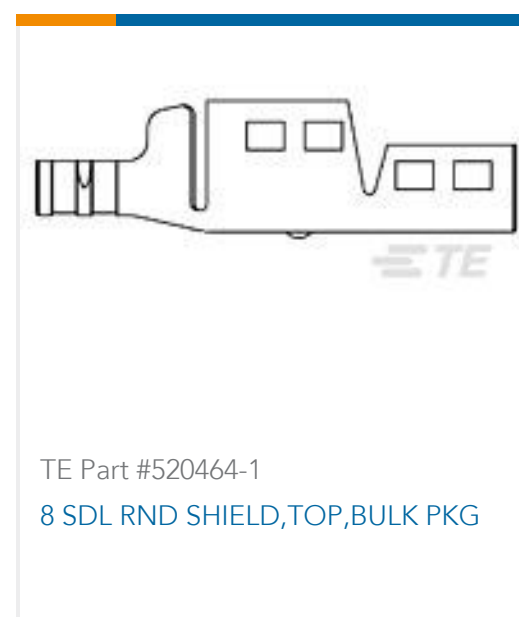
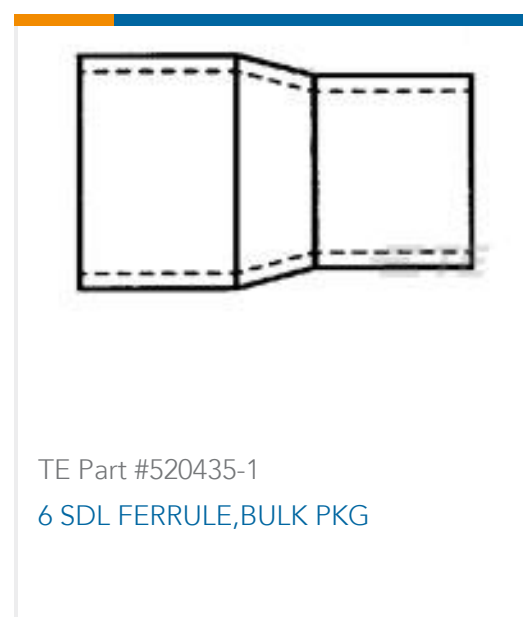
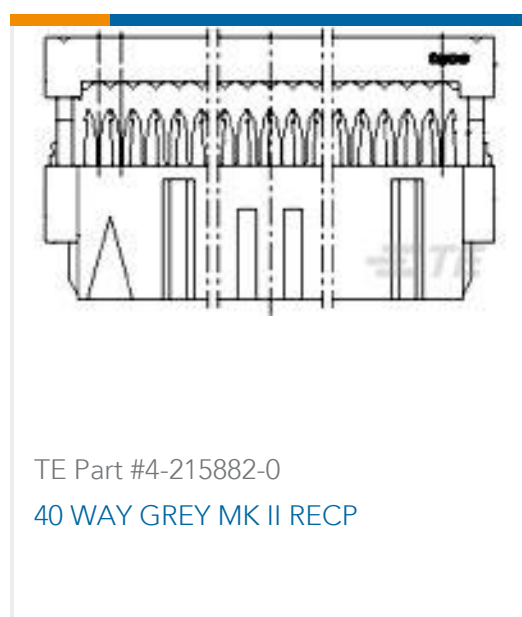
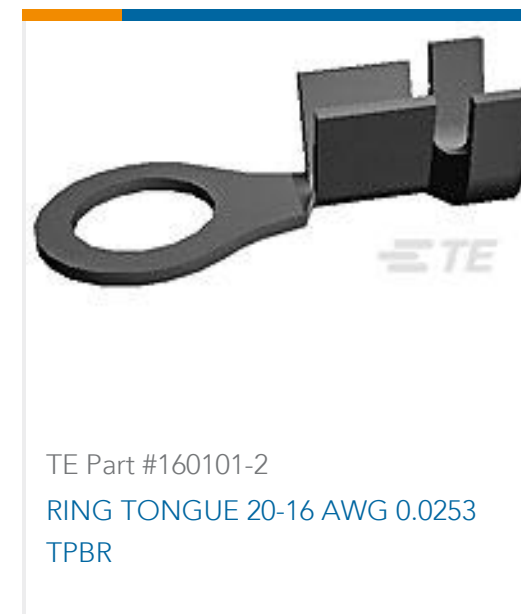
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

|  |  |   |   |
|--|--|---|---|
|  <p>TE Part # 360052-1<br/>125 DIA CLSTR BLK</p>                  |  <p>TE Part # 360051-1<br/>CLUSTER BLOCK</p>                        |  <p>TE Part # 520995-1<br/>.125 CLUSTER BLOCK HSG</p>                |  <p>TE Part # 1217186-1<br/>CLUSTER BLOCK HOUSING</p>                |
|  <p>TE Part # 1217200-1<br/>CLUSTER BLOCK HOUSING</p>             |  <p>TE Part # 1-1742539-3<br/>CLUSTER BLOCK RECEPT,TPCuFeP</p>      |  <p>TE Part # 1217261-1<br/>HSG .125 CLUSTER BLOCK NAT</p>           |  <p>TE Part # 1217181-1<br/>CLUSTER BLOCK HSG.</p>                   |
|  <p>TE Part # 1217187-1<br/>CLUSTER BLOCK HOUSING</p>             |  <p>TE Part # 2-2150368-2<br/>OCEAN_2.0_Applicator-E-140F180F</p>   |  <p>TE Part # 2150368-2<br/>OCEAN_2.0_Applicator-E-140F180F</p>      |  <p>TE Part # 274186-1<br/>EXTRACTION TOOL</p>                       |
|  <p>TE Part # 7-2150368-2<br/>OCEAN_2.0_Applicator-E-140F180F</p> |  <p>TE Part # 7-2150368-7<br/>OCEAN_2.0_SPARE_PART_KIT-140F180F</p> |  <p>TE Part # 2825236-1<br/>CLUSTER BLOCK ASSEMBLY G04-529-01-02</p> |  <p>TE Part # 2825238-1<br/>CLUSTER BLOCK ASSEMBLY G02-529-01-02</p> |



## Customers Also Bought



## Documents

### Product Drawings

[125 PIN RECEPTACLE 14-10](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_62243-3\\_AG.2d\\_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_62243-3\\_AG.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_62243-3\\_AG.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[Magnet Wire Terminals & Splices](#)

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### Product Specifications

[Application Specification](#)

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### Product Environmental Compliance

[TE Material Declaration](#)

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