



PIDG

TE Internal #: 35316

PIDG, Ring Terminals & Spade Terminals, Ring Tongue, 16 – 14AWG Wire Size, 1.04 – 2.62mm² Wire Size, 2050 – 5180CMA Wire Size, M12 / 1/2

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Terminals & Splices > Ring Terminals & Spade Terminals > PIDG RING TONGUE TERMINALS



Terminal & Splice Type: **Ring Tongue**

Wire Size: **2050 – 5180 CMA**

Ring & Spade Stud Size: **1/2, M12**

[All PIDG RING TONGUE TERMINALS \(422\)](#)

Features

Product Type Features

|                              |                    |
|------------------------------|--------------------|
| Shape Description            | RING-041           |
| Ring & Spade Stud Size       | 1/2, M12           |
| Ring & Spade Barrel Type     | Closed Barrel      |
| Sealable                     | No                 |
| Insulated                    | Yes                |
| Ring & Spade Wire/Cable Type | Regular Wire       |
| Support Style                | Insulation Support |

Configuration Features

|                 |          |
|-----------------|----------|
| Number of Holes | 1        |
| Terminal Angle  | Straight |

Electrical Characteristics

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

Body Features

|                               |             |
|-------------------------------|-------------|
| Inspection Slot               | No          |
| Weight per Piece              | 5.962 g     |
| Stripe Color                  | Black       |
| Ring & Spade Plating Material | Copper, Tin |

Contact Features

|                                   |             |
|-----------------------------------|-------------|
| Terminal & Splice Type            | Ring Tongue |
| Ring & Spade Terminal Orientation | Straight    |

Mechanical Attachment

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

Dimensions

|                                             |                              |
|---------------------------------------------|------------------------------|
| Wire Size                                   | 2050 – 5180 CMA              |
| Stud Diameter                               | 13.02 mm[.515 in]            |
| Tongue Thickness                            | 1.22 mm[.05 in]              |
| Ring & Spade Overall Length                 | 40.48 mm[1.59 in]            |
| Ring & Spade Wire Insulation Diameter (Max) | 6.35 mm[.25 in]              |
| Ring & Spade Wire Insulation Diameter       | 3.81 – 6.35 mm[.15 – .25 in] |

Usage Conditions

|                             |                     |
|-----------------------------|---------------------|
| Insulation Requirement      | Partially Insulated |
| Operating Temperature Range | 105 °C[221 °F]      |

Operation/Application

|            |     |
|------------|-----|
| Heavy Duty | Yes |
|------------|-----|

Industry Standards

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

Packaging Features

|                               |             |
|-------------------------------|-------------|
| Packaging Quantity            | 500         |
| Ring & Spade Packaging Method | Loose Piece |

Other

|         |                                          |
|---------|------------------------------------------|
| Comment | Heavy Duty for extra mechanical strength |
|---------|------------------------------------------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

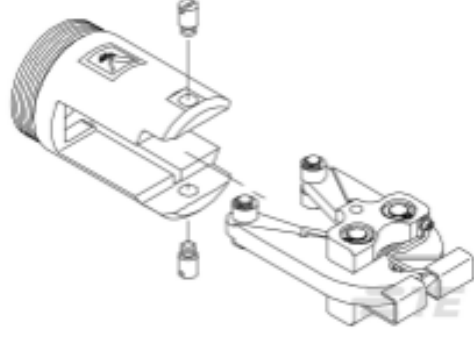
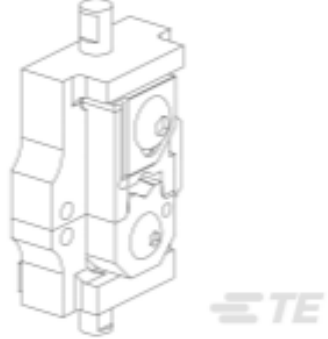
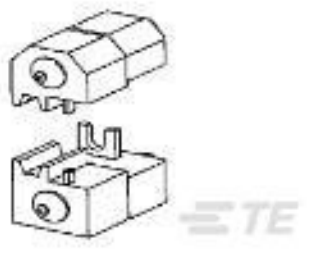
|                                               |                                                                                                |
|-----------------------------------------------|------------------------------------------------------------------------------------------------|
| EU RoHS 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211) |

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
|                           | 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

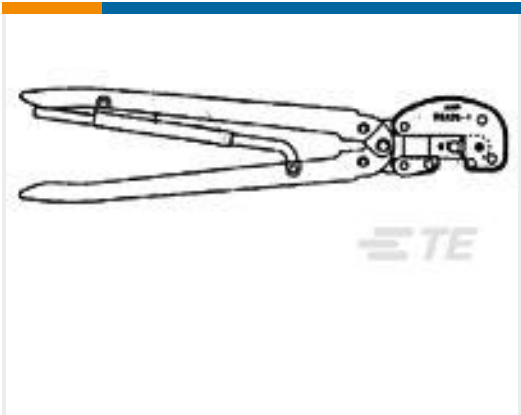
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

|                                                                                                                                          |                                                                                                                                          |                                                                                                                                            |                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 58433-3<br/>PRO CR ASSY, RBY IS9252</p> |  <p>TE Part # 58423-1<br/>DIE, RBY IS9252</p>         |  <p>TE Part # 679300-1<br/>1210 PIDG CRIMP HEAD</p>   |  <p>TE Part # 59824-1<br/>TETRA-CRIMP PIDG PG FASTON 22-10 ASSY</p> |
|  <p>TE Part # 59239-4<br/>HHHT PIDG PG 12-10 ASSY</p> |  <p>TE Part # 539691-2<br/>ERGO DIE R.B.Y</p>         |  <p>TE Part # 2063030-1<br/>SDE DIESET, RBY, UL</p>   |  <p>TE Part # 2063361-1<br/>DIE ASM, 12-10 PIDG, BATT TL</p>        |
|  <p>TE Part # 2217484-1<br/>KIT, BTLI, HEAVY HEAD</p> |  <p>TE Part # 2217484-2<br/>KIT, BTLI, HEAVY HEAD</p> |  <p>TE Part # 47808-6<br/>DIES PIDG 12-10 DIE SET</p> |  <p>TE Part # 169404<br/>CERTI-LOK DIE</p>                          |



TE Part # 169400  
CERTI-LOK



TE Part # 1-59239-4  
HHHT PIDG 16-10 HEAD

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



Crimp Wire Pins, Tabs & Ferrules(41)



Knife Disconnects(11)



PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(862)



Special Purpose Terminals(1)



Splices(48)

Customers Also Bought



TE Part #2-34805-1  
PIDG RING TONGUE TERMINALS



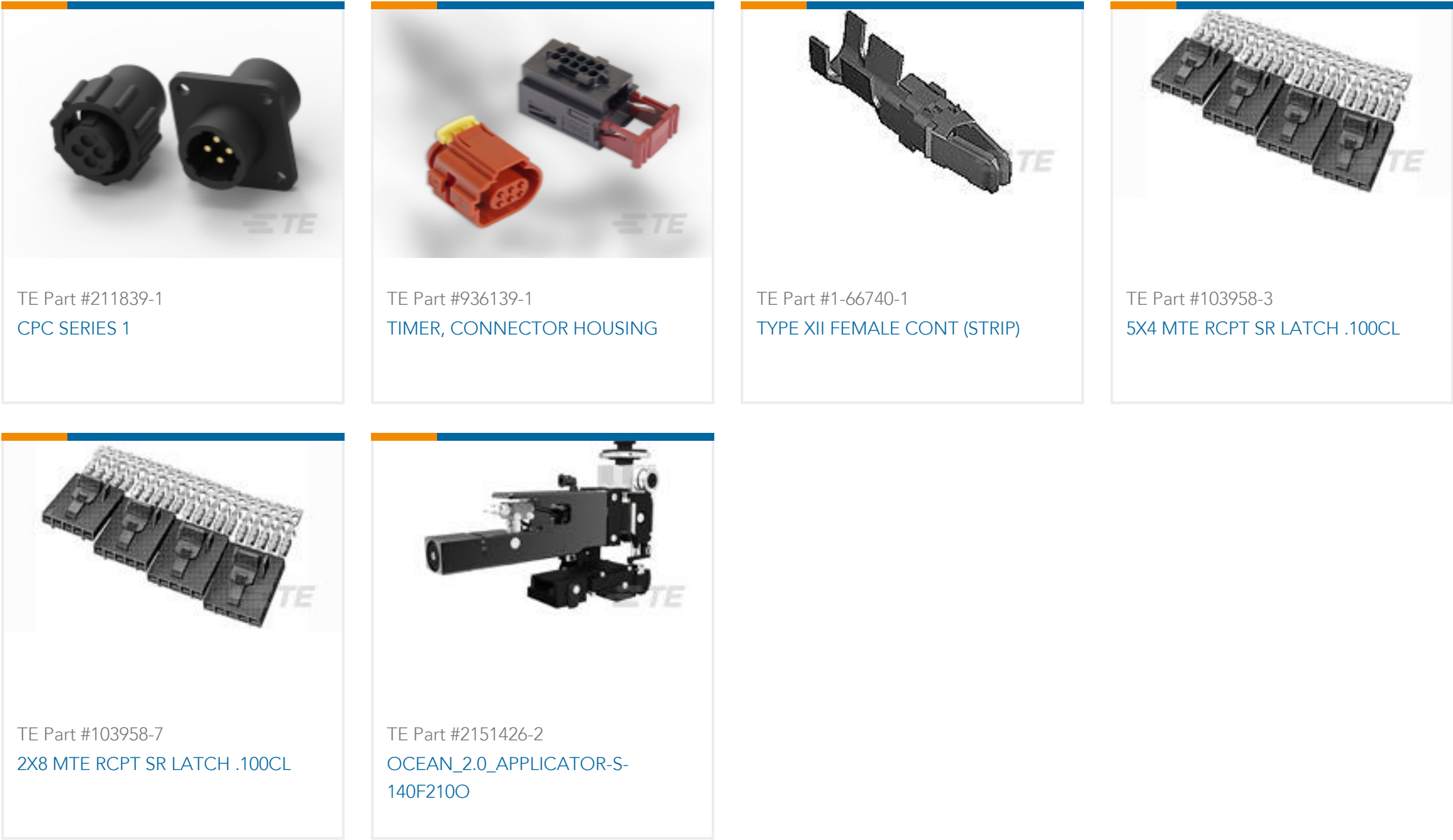
TE Part #207542-1  
HSG, PLUG 16 POSN, METRIMATE



TE Part #1624361-2  
NTC0805 5% 3K3



TE Part #208334-6  
PLUG ASSY, 62 POS, METRIMATE



Documents

Product Drawings

TERMINAL,PIDG R 16-14HD 1/2

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_35316\_G.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_35316\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_35316\_G.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

MD\_35316\_07292015923\_dmtec

English

MD\_35316\_07292015923\_dmtec

English



Agency Approvals

UL Report

English

UL Report

English