

52423 ✓ ACTIVE

PIDG

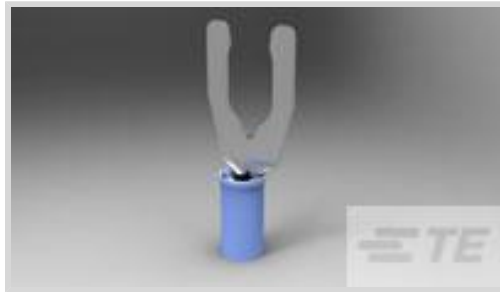
TE Internal #: 52423

PIDG, Rings & Spades, Spring Spade, 16 – 14AWG Wire Size, 1.25 – 2mm<sup>2</sup> Wire Size, 2050 – 5180CMA Wire Size, M6, Stud Diameter 6.35 mm [.25 in]

[View on TE.com >](#)



Terminals & Splices > Rings & Spades



Terminal & Splice Type: **Spring Spade**

Wire Size: **2050 – 5180 CMA**

Stud Size: **M6**

**Features**

**Product Type Features**

Shape Description	SPADE-031
Stud Size	M6
Barrel Type	Closed Barrel
Sealable	No
Insulated	Yes
Wire/Cable Type	Regular Wire
Support Style	Insulation Support

**Configuration Features**

Terminal Angle	Straight
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**Electrical Characteristics**

Voltage (Max)	300 V
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**Body Features**

Inspection Slot	No
Insulation Sleeve Color	Blue
Stripe Color	Blue
Plating Material	Phosphor Bronze, Tin

**Contact Features**

Terminal & Splice Type	Spring Spade
Terminal Orientation	Straight



### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	6.35 mm[.25 in]
Tongue Thickness	.84 mm[.033 in]
Overall Length	27.991 mm[1.102 in]
Wire Insulation Diameter (Max)	3.81 mm[.15 in]
Wire Insulation Diameter	2.67 – 3.81 mm[.105 – .15 in]

### Usage Conditions

Operating Temperature Range	105 °C[221 °F]
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### Operation/Application

Heavy Duty	No
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### Industry Standards

Government Qualified	No
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### Packaging Features

Packaging Quantity	5000
Packaging Method	Loose Piece

### Product Compliance

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

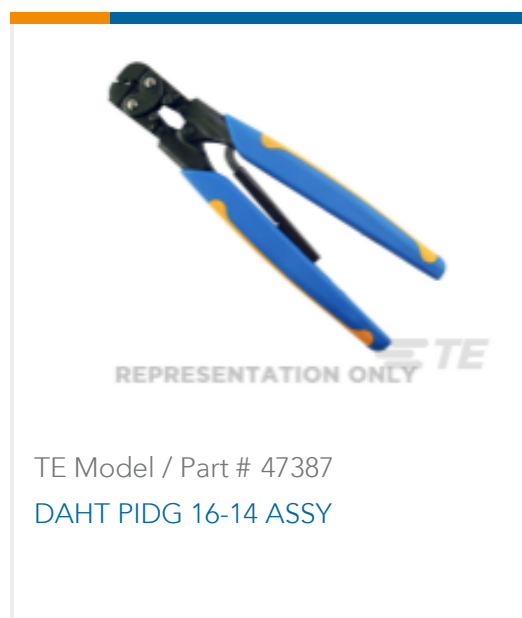
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JUL 2017 (174) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

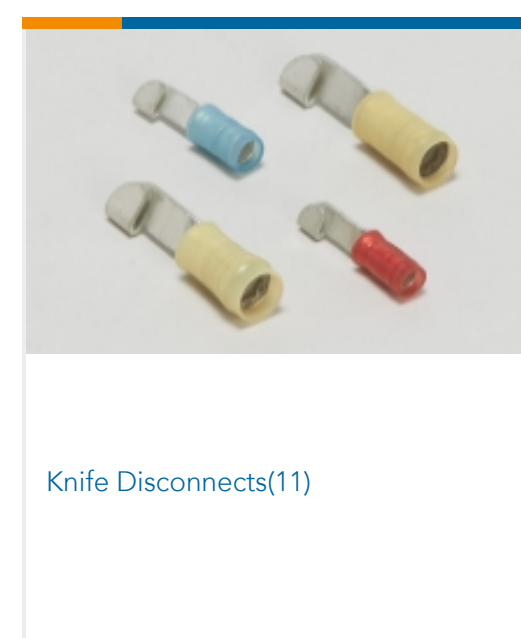
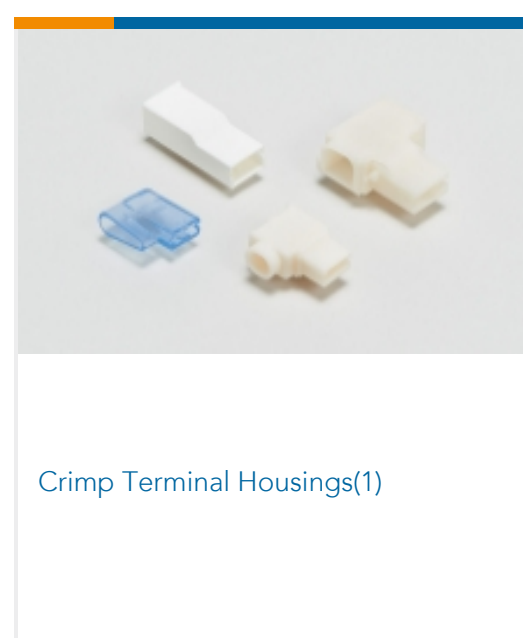
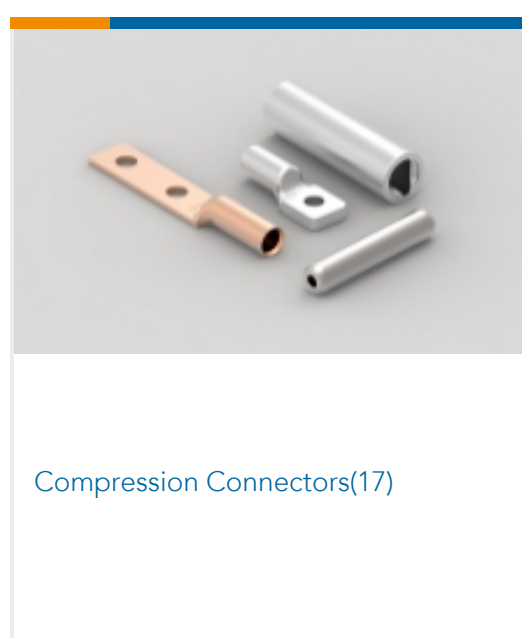
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



## Also in the Series | PIDG

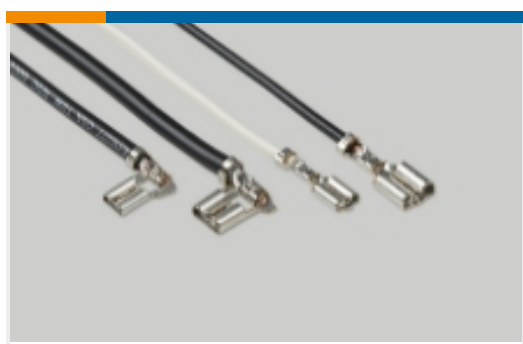




PCB Terminals(9)



Portable Crimp Tools(2)



Quick Disconnects(53)



Rings & Spades(862)



Special Purpose Terminals(1)



Splices(48)

## Customers Also Bought



TE Model / Part #6116522-3  
INV MJ,1X2,PNL GRD,SHLD



TE Model / Part #7-2176370-7  
RQ 0603 2K67 0.1% 10PPM 5K RL



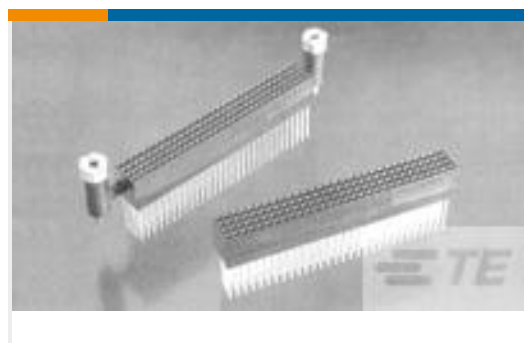
TE Model / Part #1-1630019-5  
HSC200 2R0 5%



TE Model / Part #4-2176330-2  
CRGP 2010 27K 1%



TE Model / Part #2-322455-1  
TERMINAL,SOLIS R 12-10 10



TE Model / Part #1375967-1  
PC104 PLUS NONSTK NO STNDOFF



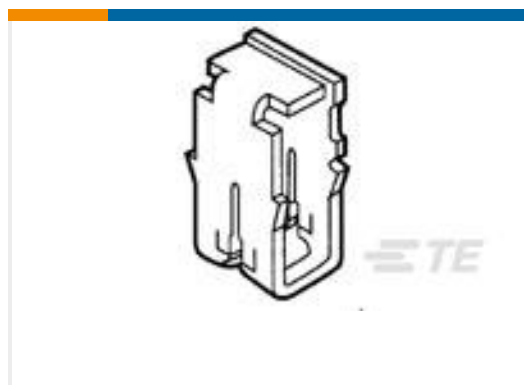
TE Model / Part #2170805-1  
CAGE ASSEMBLY, 1X2, QSFP28,  
SPRING



TE Model / Part #2267079-6  
TMS3T3B1M2RE



TE Model / Part #YDTS20F15-  
18PNV001  
RECP ASSY



TE Model / Part #1534234-1  
MAG-MATE TAB REC4,8

## Documents



### Product Drawings

[TERM. PIDG SPR SPD 16-14, 1/4](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English