

1-324577-0 ✓ ACTIVE



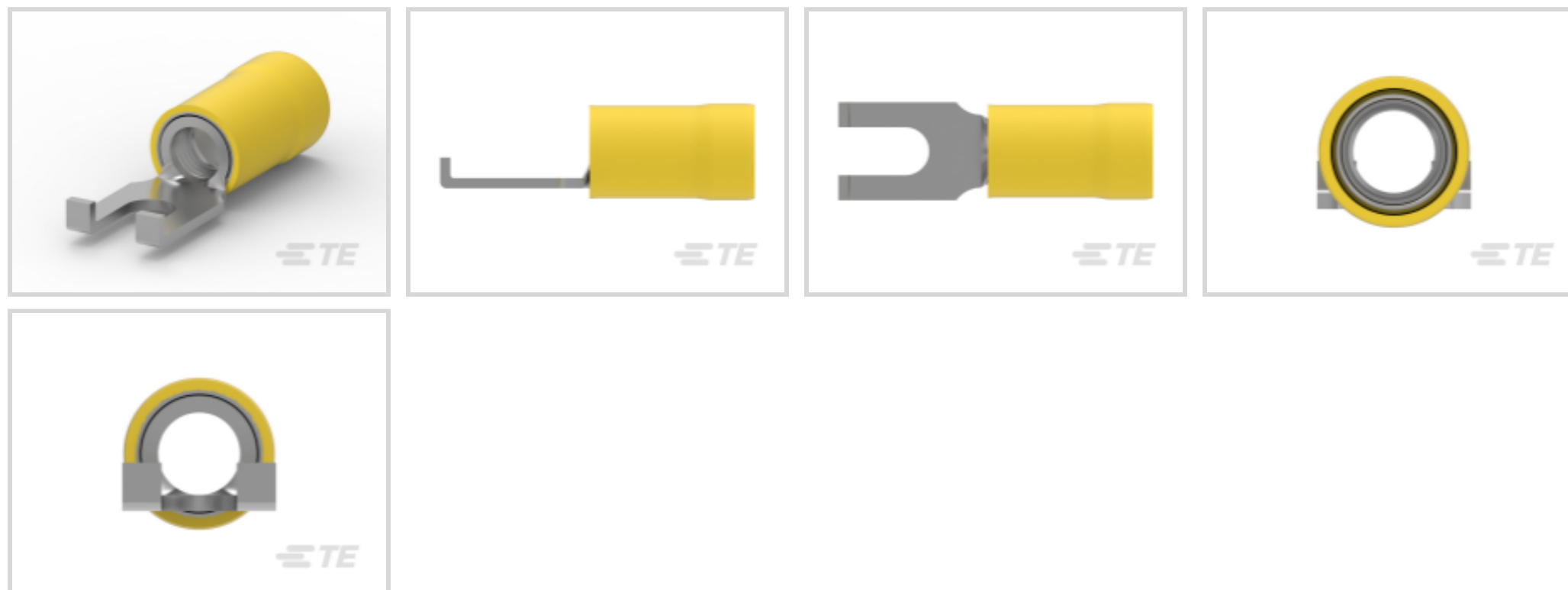
## PIDG

TE Internal #: 1-324577-0

Spade Flange Tongue Terminal, 12 – 10 AWG, #6 / M3.5 Stud Size,  
3.51 mm [.138 in] Stud Diameter, Closed Barrel, Flanged, Tin,  
Partially Insulated

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Terminals & Splices > Spade Terminals > PIDG Flanged Spade Tongue Terminals



Spade Terminal Type: **Spade Flange Tongue Terminal**

Wire Size: **5180 – 13100 CMA**

Stud Size: **#6, M3.5**

[All PIDG Flanged Spade Tongue Terminals \(51\)](#)

## Features

### Product Type Features

Stud Size	#6, M3.5
Sealable	No
Wire Insulation Support Retention Type	Insulation Support

### Electrical Characteristics

Voltage Rating	300 V
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### Body Features

Product Weight	2.293 g
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### Contact Features

Spade Terminal Type	Spade Flange Tongue Terminal
Barrel Type	Closed
Terminal Orientation	Flanged
Terminal Plating Material	Tin

### Mechanical Attachment



Wire Insulation Support	With
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### Dimensions

Wire Size	5180 – 13100 CMA
Stud Diameter	3.51 mm [.138 in]
Tongue Thickness	.79 mm [.031 in]
Product Length	25.83 mm [1.017 in]
Compatible Insulation Diameter (Max)	5.84 mm [.23 in]
Compatible Insulation Diameter Range	3.81 – 5.84 mm [.15 – .23 in]

### Usage Conditions

Insulation Option	Partially Insulated
Operating Temperature Range	105 °C [221 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

### Industry Standards

Government Qualified Terminal	No
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### Packaging Features

Packaging Quantity	2500
Packaging Method	Tape Mounted

### 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 324577  
 TERMINAL,PIDG SPD FLG 12-10 6



TE Part # 567200-3  
 APPL,HDM,TAPE 9CB W/O DIES G




TE Part # 567200-2  
 APPL,HDM,TAPE 9 CB W/O DIES K




TE Part # 687658-1  
 APPL,HDM,TAPE 9 CB W/O DIES T

## Also in the Series | PIDG




Compression Connectors(17)




Crimp Terminal Housings(1)




Crimp Wire Pins, Tabs & Ferrules(41)




Hand Crimping Tools(2)



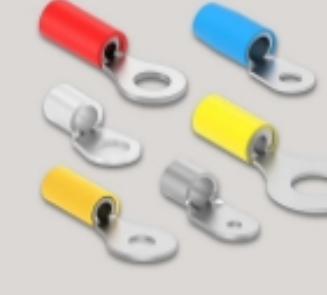
Knife Disconnects(11)



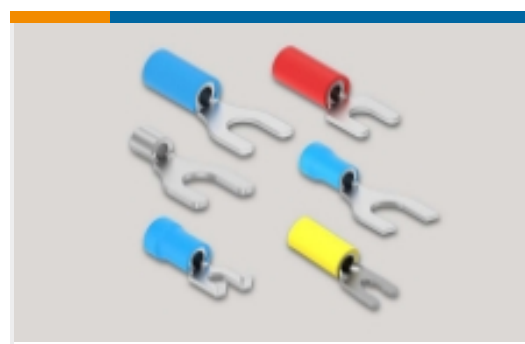
PCB Terminals(7)



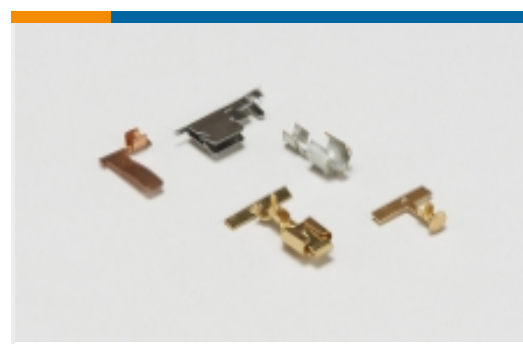
Quick Disconnects(49)



Ring Terminals(607)



Spade Terminals(231)



Special Purpose Terminals(1)



Splices(45)

## Customers Also Bought



TE Part #211398-1  
CPC RECPT. SIZE 13-7



TE Part #4-1415053-1  
SR4M4024



TE Part #322985  
TERMINAL,PIDG SPD 12-10 6



TE Part #640384-5  
05P MTA156 HDR ASSY STR RND SN



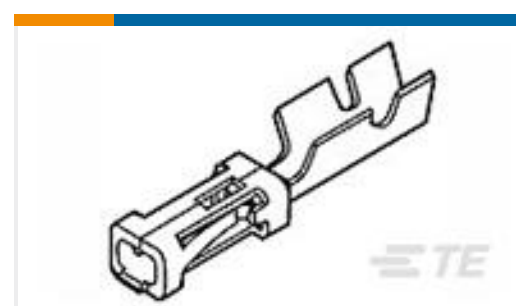
TE Part #1-1625892-5  
3W SM M/OX 5% 150R



TE Part #87631-5  
10 MODIV HSG COMP DR .100 POL



TE Part #1-640383-0  
10P MTA156 HDR ASSY STR SQ SN



TE Part #2-87523-3  
MOD IV RECP PLTD 15 DPLX



TE Part #4-1625892-5  
3W SM M/OX 5% 39K



TE Part #8-52961-2  
TERMINAL,PG SPR SPD 12-10 6

## Documents

### Product Drawings

[TERMINAL,PIDG SPD FLG 12-10 6](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-324577-0\\_D.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-324577-0\\_D.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-324577-0\\_D.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

[RADIATION\\_RESISTANT\\_PRE-INSULATED\\_TERMINALS\\_SPLICES](#)

English

**Standard Terminals & Splices**

English

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## Product Specifications

[Application Specification](#)

English