



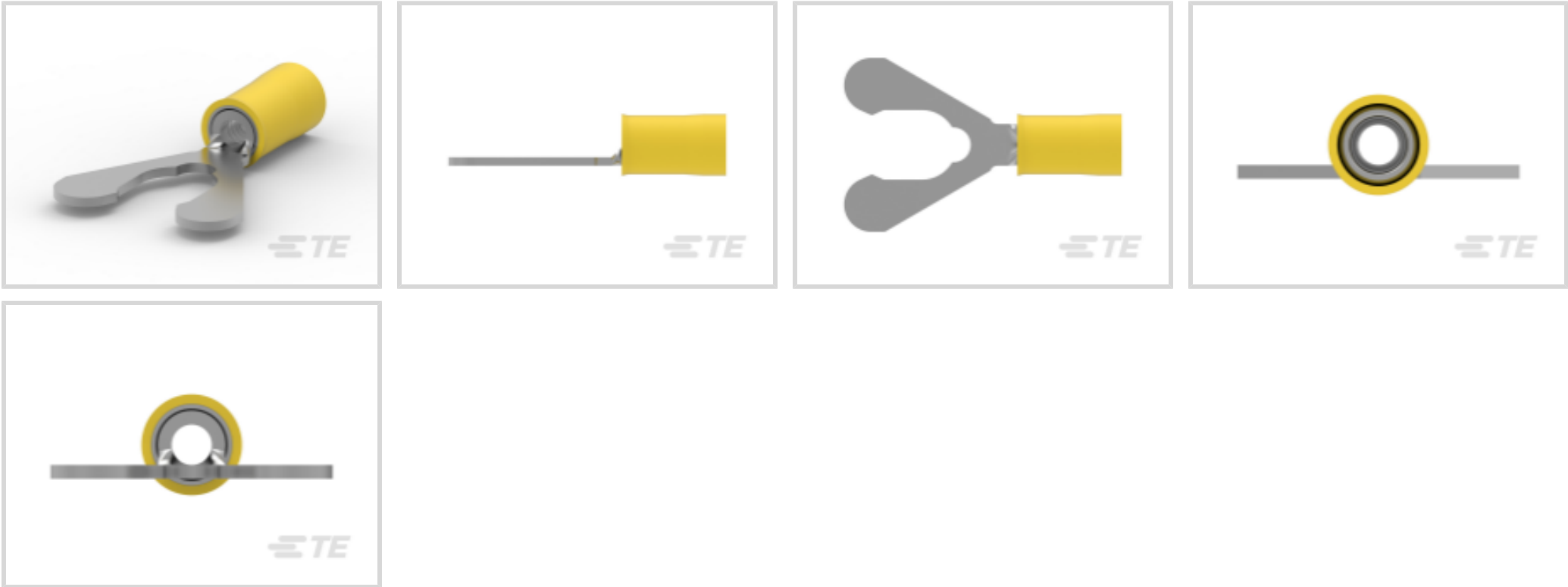
PIDG

TE Internal #: 52945

PIDG, Ring Terminals & Spade Terminals, Spring Spade, 12 – 10AWG Wire Size, 3 – 6mm² Wire Size, 5180 – 13100CMA Wire Size, M6

[View on TE.com >](#)

Terminals & Splices > Ring Terminals & Spade Terminals > PIDG SHORT SPRING SPADE TONGUE TERMLS



Terminal & Splice Type: **Spring Spade**

Wire Size: **5180 – 13100 CMA**

Ring & Spade Stud Size: **M6**

All PIDG Short Spring Spade Tongue TERMLS (39)

Features

Product Type Features

|                              |                    |
|------------------------------|--------------------|
| Shape Description            | SPADE-028          |
| Ring & Spade Stud Size       | M6                 |
| Ring & Spade Barrel Type     | Closed Barrel      |
| Sealable                     | No                 |
| Insulated                    | Yes                |
| Ring & Spade Wire/Cable Type | Regular Wire       |
| Support Style                | Insulation Support |

Configuration Features

|                |          |
|----------------|----------|
| Terminal Angle | Straight |
|----------------|----------|

Electrical Characteristics

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

Body Features

|                         |        |
|-------------------------|--------|
| Inspection Slot         | No     |
| Insulation Sleeve Color | Yellow |

|                               |                      |
|-------------------------------|----------------------|
| Stripe Color                  | Yellow               |
| Ring & Spade Plating Material | Phosphor Bronze, Tin |

Contact Features

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

Mechanical Attachment

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

Dimensions

|                                             |                              |
|---------------------------------------------|------------------------------|
| Wire Size                                   | 5180 – 13100 CMA             |
| Stud Diameter                               | 6.35 mm[.25 in]              |
| Tongue Thickness                            | 1.02 mm[.04 in]              |
| Ring & Spade Overall Length                 | 24.3 mm[.957 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 | No |
|------------|----|

Industry Standards

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

Packaging Features

|                               |             |
|-------------------------------|-------------|
| Packaging Quantity            | 500         |
| Ring & Spade 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 2021 (211) |

Candidate List Declared Against: JUN 2020  
(209)  
SVHC > Threshold:  
Not Yet Reviewed

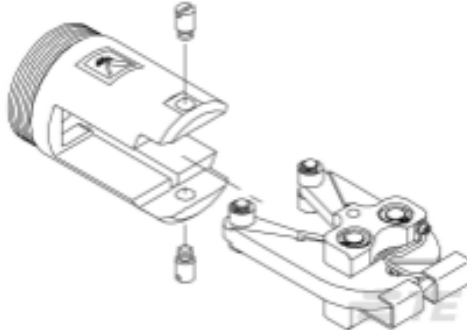
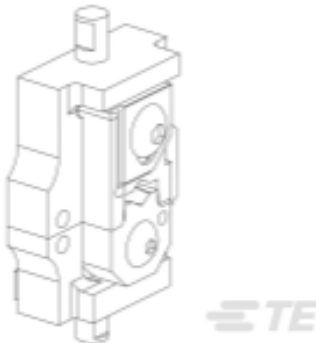
|                 |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|-------------------------------------------------------------------------------------|

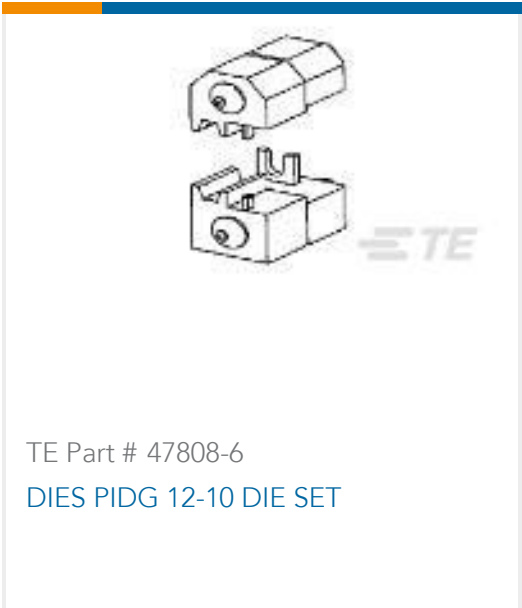
|                           |                                              |
|---------------------------|----------------------------------------------|
| Solder Process Capability | Not applicable for solder process capability |
|---------------------------|----------------------------------------------|

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 # 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>        |



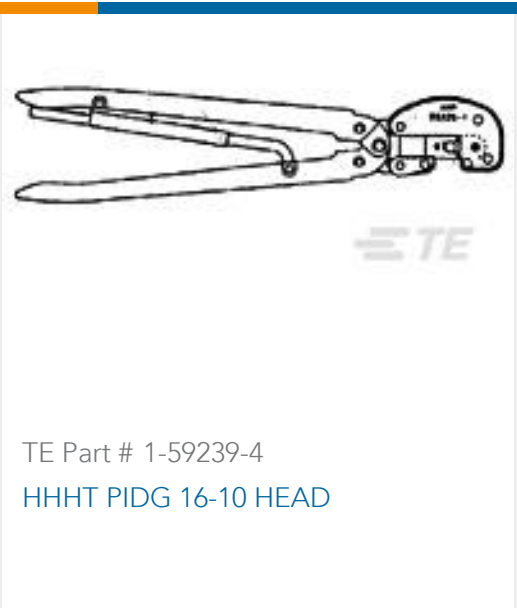
TE Part # 47808-6  
DIES PIDG 12-10 DIE SET



TE Part # 169404  
CERTI-LOK DIE

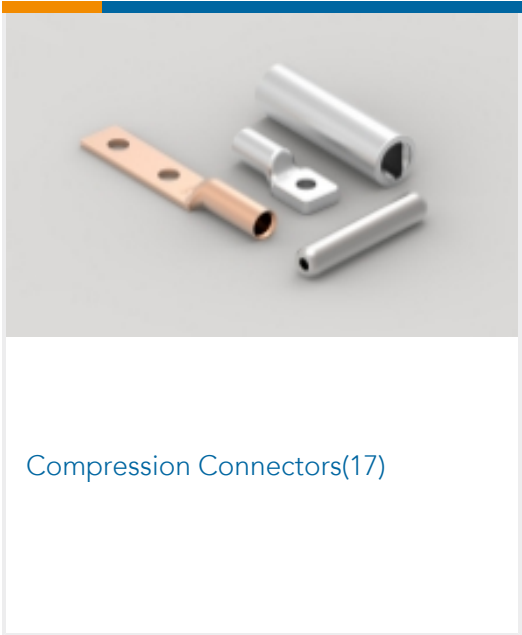


TE Part # 169400  
CERTI-LOK

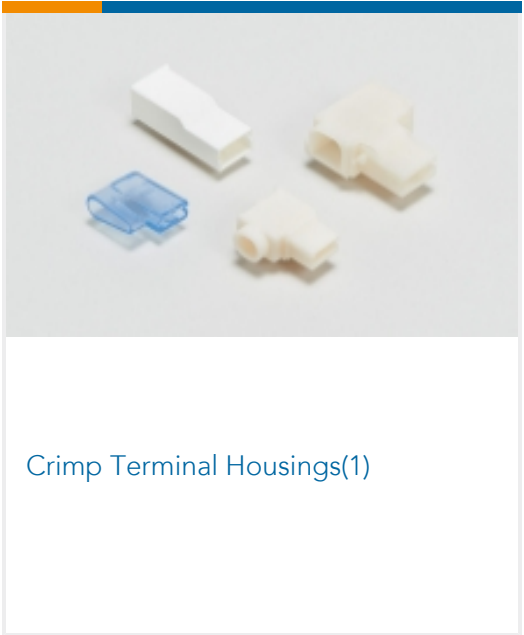


TE Part # 1-59239-4  
HHHT PIDG 16-10 HEAD

Also in the Series | PIDG



Compression Connectors(17)



Crimp Terminal Housings(1)



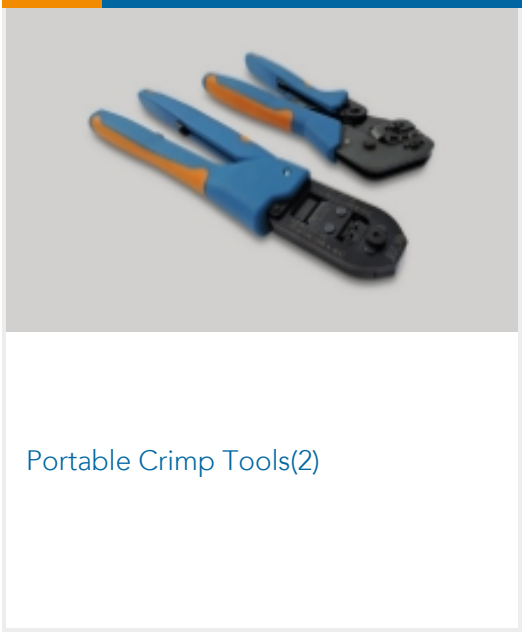
Crimp Wire Pins, Tabs & Ferrules(41)



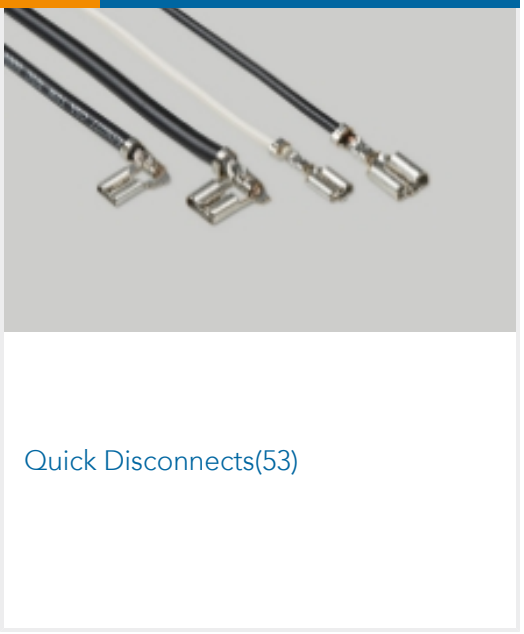
Knife Disconnects(11)



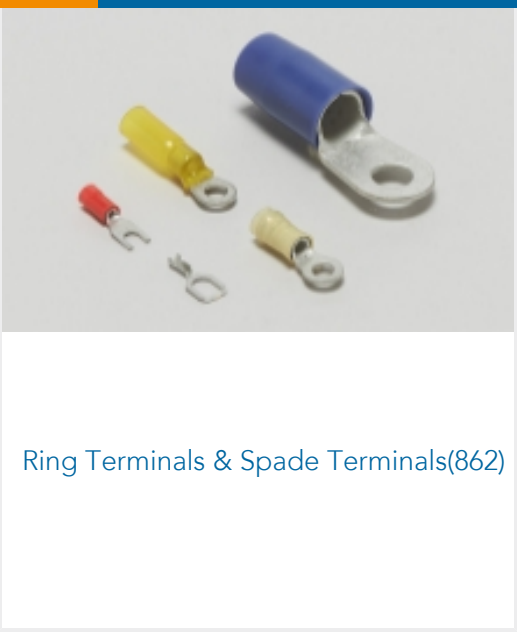
PCB Terminals(9)



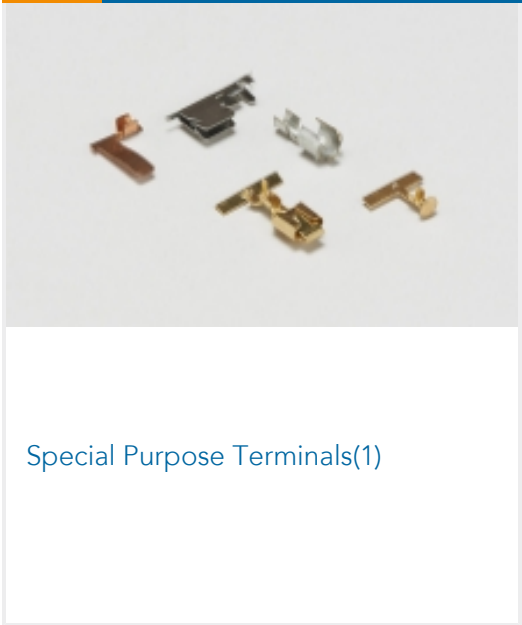
Portable Crimp Tools(2)



Quick Disconnects(53)



Ring Terminals & Spade Terminals(862)



Special Purpose Terminals(1)



Splices(48)

Customers Also Bought



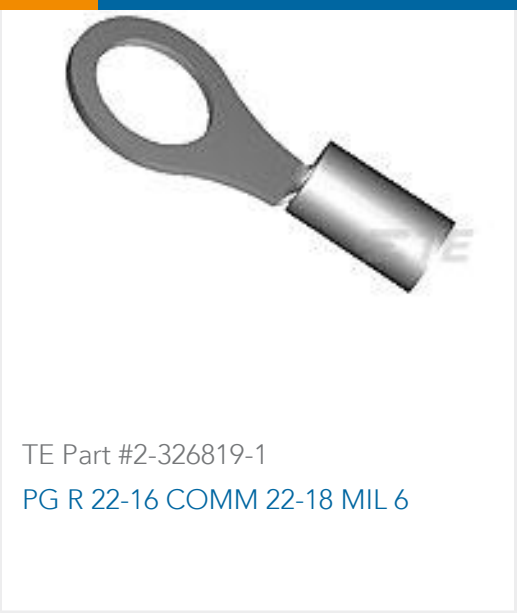
TE Part #2-320569-3  
PIDG RING TONGUE TERMINALS



TE Part #1-6609032-1  
CORCOM R SERIES SINGLE PHASE FILTERS

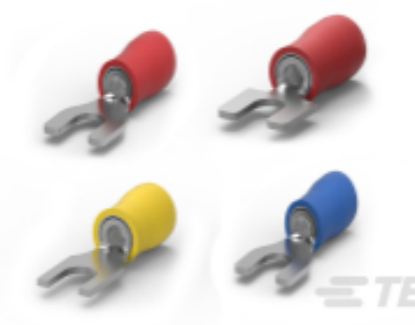


TE Part #1-746610-5  
20 DIP PLUG, 100CL, LEAD FREE

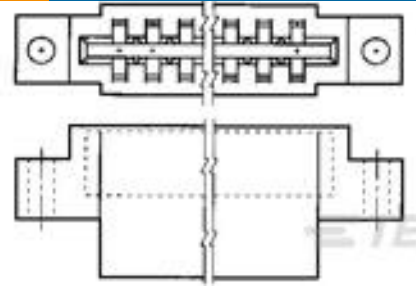


TE Part #2-326819-1  
PG R 22-16 COMM 22-18 MIL 6

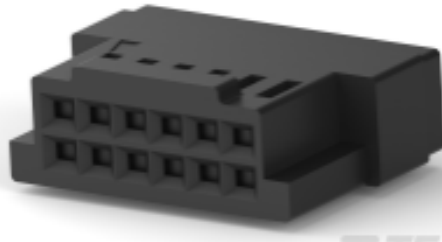




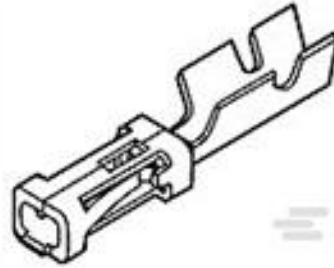
TE Part #130537  
PIDG SPADE TONGUE TERMINALS



TE Part #1-583859-5  
HOUSING CSTL 156 C/L 12 POS



TE Part #2-88637-7  
2.54mm FFC Connectors Receptacle Housing



TE Part #102918-2  
MOD IV RECP LP

TE Part #YDJT14F25-35SAV001  
RECP ASSY

Documents

Product Drawings

PIDG TERM. SPR SPD 12-10 1/4

English

Datasheets & Catalog Pages

PIDG TERMINALS & SPLICES Quick Reference Guide

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

AMP\* PIDG\* (VINYL) & PLASTI-GRIP\* SHORT SPRING SPADE TERMINALS FOR BAR

English

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English