

324543 ✓ ACTIVE



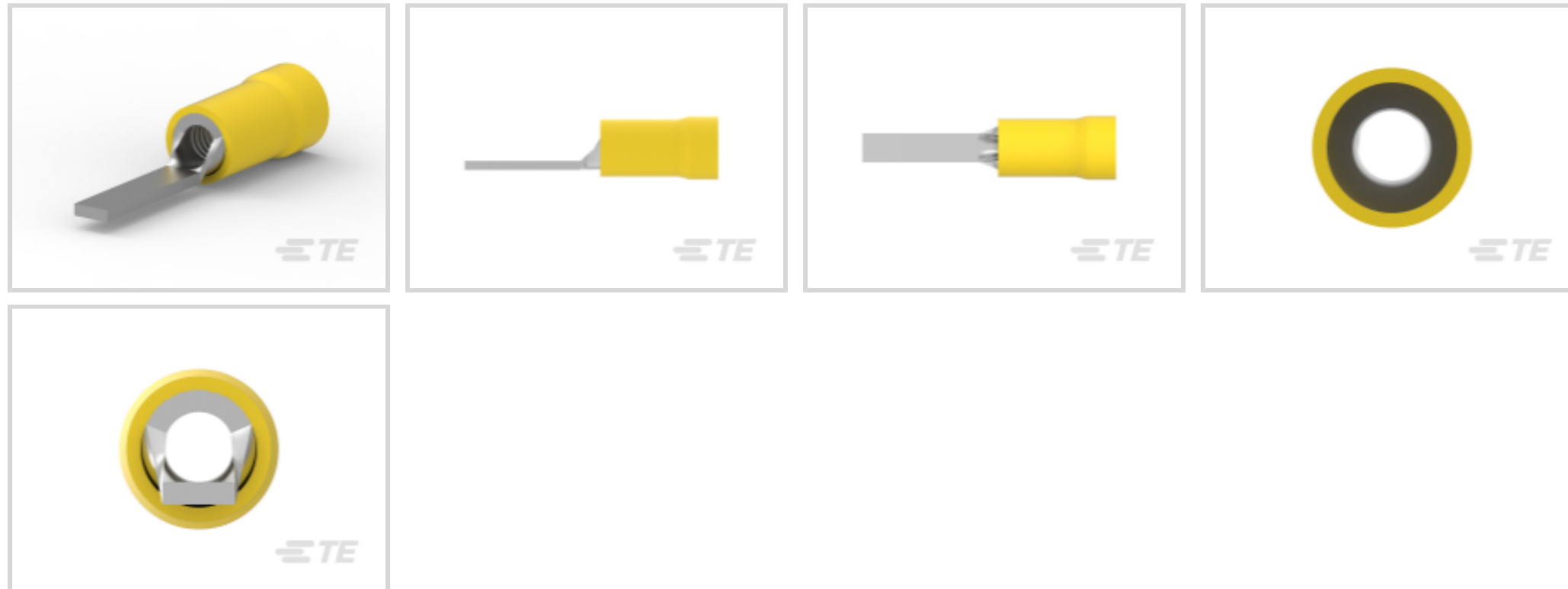
PIDG

TE Internal #: 324543

Crimp Wire Pins, Tabs & Ferrules, Tab, Tab Width 3.175 mm [.125 in], Tab Thickness 1.07 mm [.042 in], 12 – 10 AWG Wire Size, 3 – 6 mm² Wire Size, PIDG

[View on TE.com >](#)

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules > PIDG Pre-Insulated Diamond Grip Tabs



Crimp Wire Pin, Tab & Ferrule Terminal Type: **Tab**

Tab Width: **3.175 mm [.125 in]**

Tab Thickness: **1.07 mm [.042 in]**

Accepts Wire Insulation Diameter Range: **3.81 – 5.84 mm [.15 – .23 in, .23 in]**

Wire Size: **12 – 10 AWG**

[All PIDG Pre-Insulated Diamond Grip Tabs \(8\)](#)

Features

Product Type Features

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

Configuration Features

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

Body Features

| | |
|---------------------|-------|
| Insulation Material | Nylon |
|---------------------|-------|

Contact Features

| | |
|---|-------------------|
| Crimp Wire Pin, Tab & Ferrule Terminal Type | Tab |
| Tab Thickness | 1.07 mm [.042 in] |
| Barrel Type | Closed |
| Terminal Plating Material | Tin |



| | |
|----------------------|----------|
| Terminal Orientation | Straight |
|----------------------|----------|

Termination Features

| | |
|-----------------|---------|
| Bullet Terminal | Without |
|-----------------|---------|

Mechanical Attachment

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

Dimensions

| | |
|-----------|--------------------|
| Tab Width | 3.175 mm [.125 in] |
|-----------|--------------------|

| | |
|--|--|
| Accepts Wire Insulation Diameter Range | 3.81 – 5.84 mm [.15 – .23 in] [.23 in] |
|--|--|

| | |
|-----------|------------------|
| Wire Size | 5180 – 13100 CMA |
|-----------|------------------|

| | |
|------------------------|------------------|
| Barrel Inside Diameter | 6.4 mm [.253 in] |
|------------------------|------------------|

| | |
|-----------------------------|---------------|
| Terminal Material Thickness | 1 mm [.04 in] |
|-----------------------------|---------------|

| | |
|------------------------|---------------------|
| Overall Product Length | 30.33 mm [1.194 in] |
|------------------------|---------------------|

Usage Conditions

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|-------------------|---------------------|
| Insulation Option | Partially Insulated |
|-------------------|---------------------|

| | |
|-----------------------------|-----------------|
| Operating Temperature Range | 105 °C [221 °F] |
|-----------------------------|-----------------|

Operation/Application

| | |
|------------|----|
| Heavy Duty | No |
|------------|----|

Packaging Features

| | |
|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

Other

| | |
|--------------|--------|
| Barrel Color | Yellow |
|--------------|--------|

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) Candidate List Declared Against: JUNE 2022 (224) 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 # 59824-1
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY



TE Part # 58433-3
PRO CR ASSY, RBY IS9252



TE Part # 59239-4
HHHT PIDG PG 12-10 ASSY



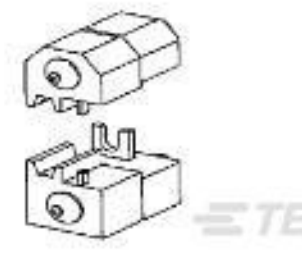
TE Part # 58423-1
DIE, RBY IS9252



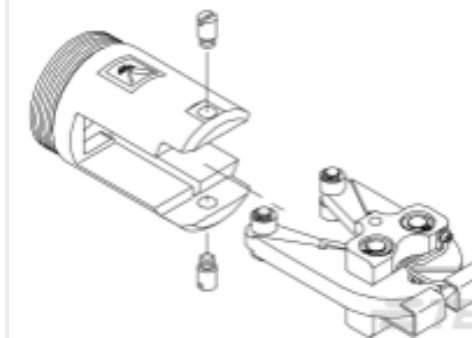
TE Part # 539691-2
ERGO DIE R.B.Y



TE Part # 2063030-1
SDE DIESET, RBY, UL



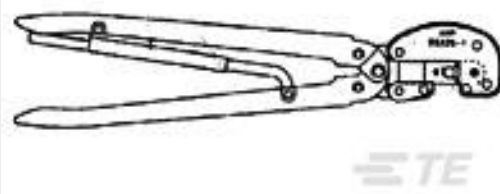
TE Part # 47808-6
DIES PIDG 12-10 DIE SET



TE Part # 679300-1
1210 PIDG CRIMP HEAD



TE Part # 169400
CERTI-LOK FRAME W/O DIES



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



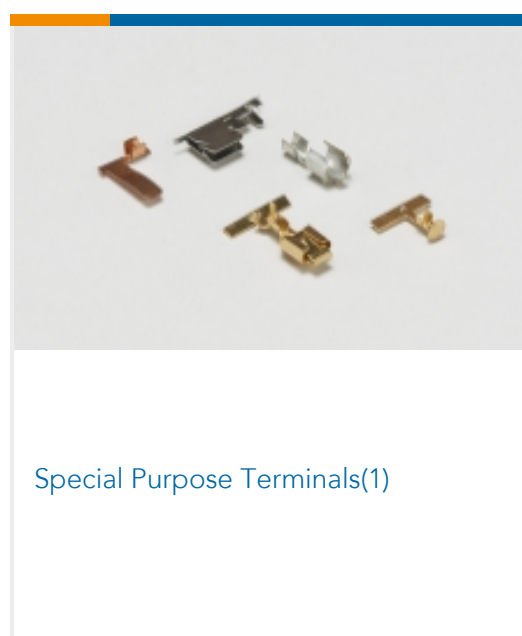
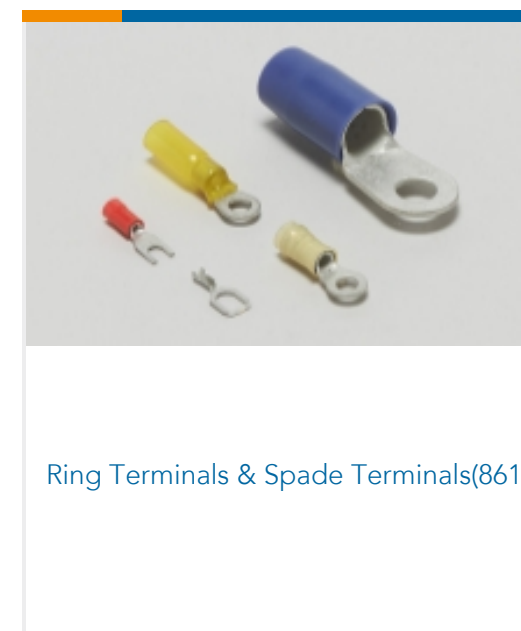
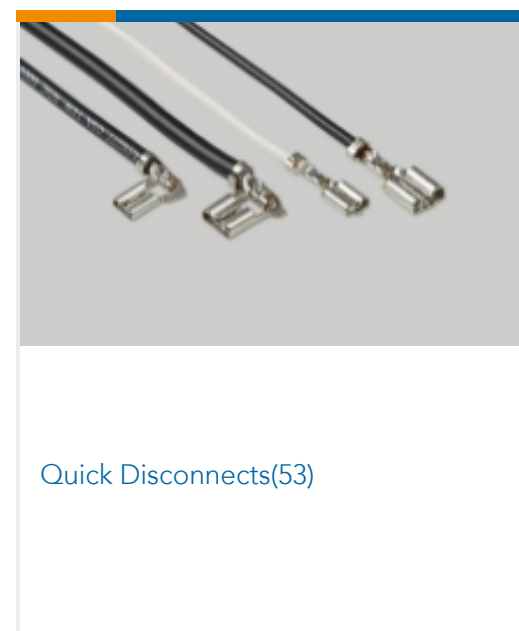
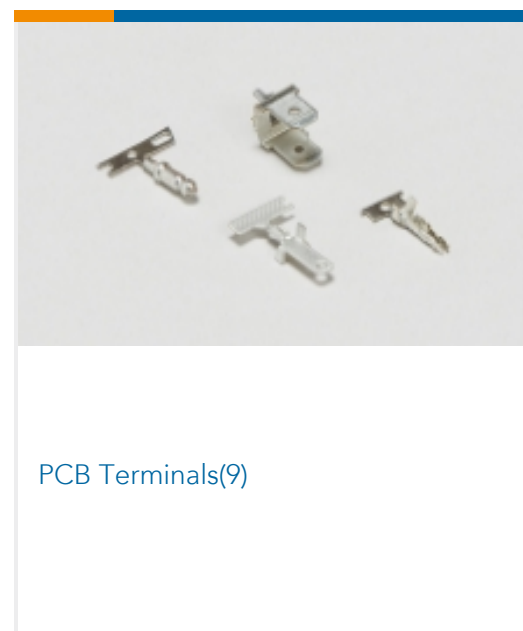
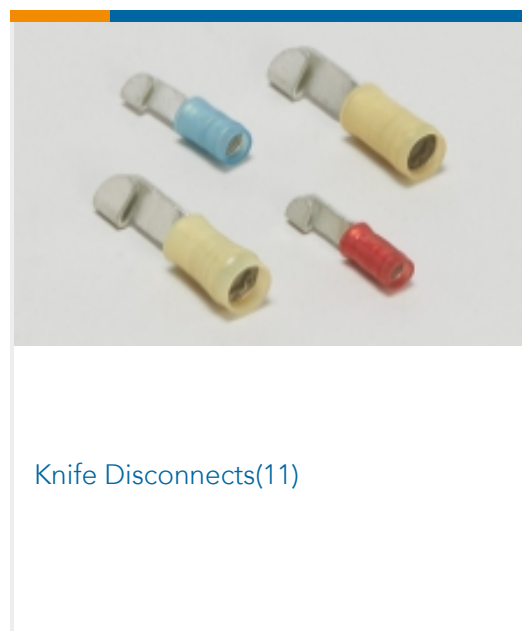
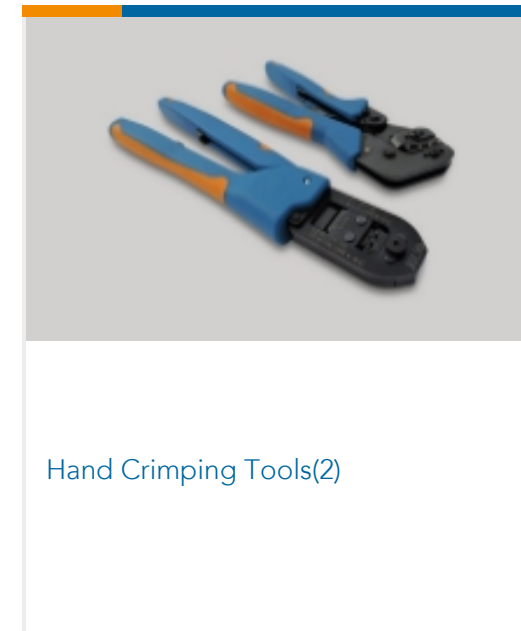
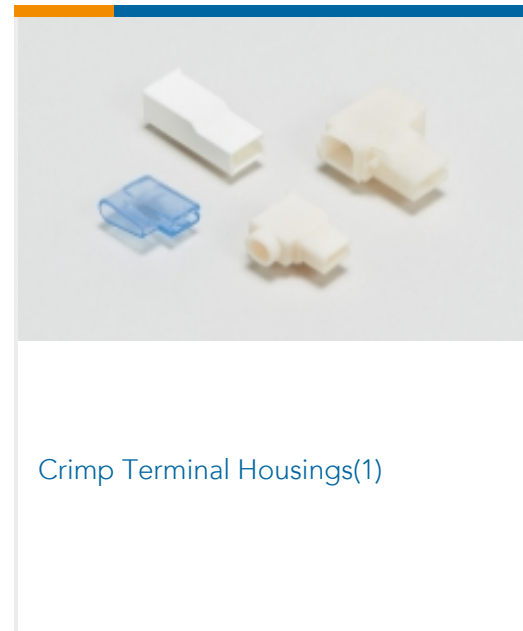
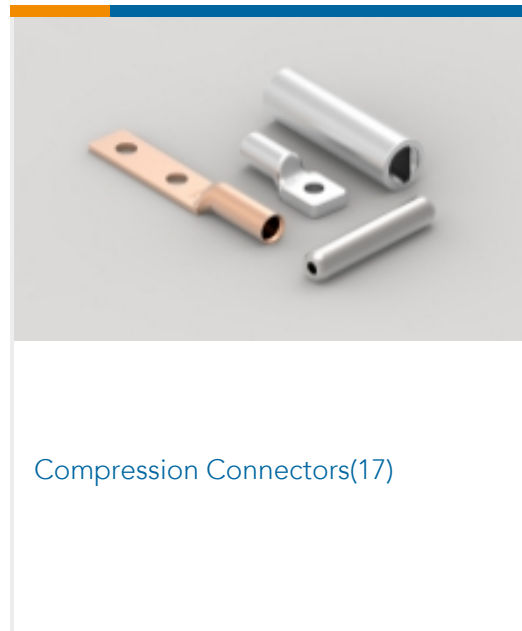
TE Part # 1SET191001R0000
CRIMP-HT



TE Part # 1SET191002R0000
TET CRIMP-HT



Also in the Series | PIDG



Documents

Product Drawings

TAB,PIDG 12-10

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_324543_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_324543_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_324543_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English