

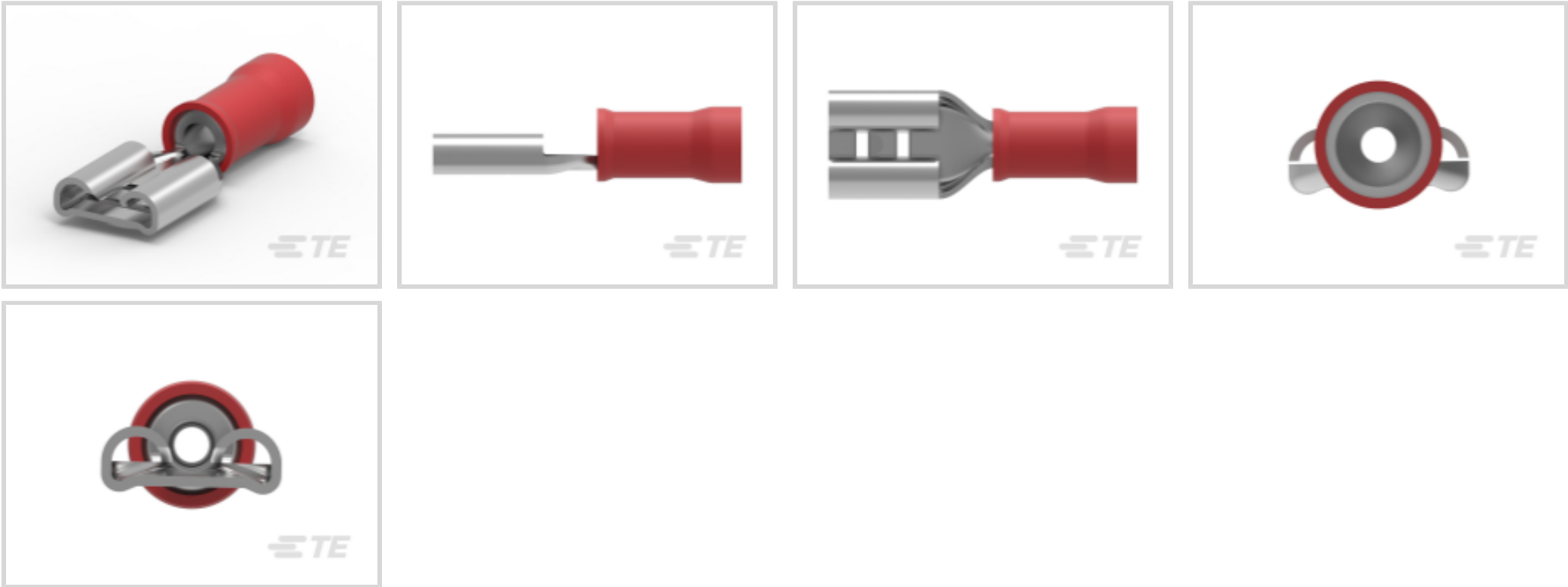


PIDG

TE Internal #: 640903-1  
Quick Disconnect Receptacle, 22 – 18 AWG, .26 – .96 mm² Wire,  
509 – 1900 CMA, 6.35 mm [.25 in] Tab Width, Straight, Brass, Tin  
Plating, PIDG

[View on TE.com >](#)

Terminals & Splices > Quick Disconnects > PIDG FASTON Receptacle Quick Disconnects



Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **509 – 1900 CMA**

Mating Tab Width: **6.35 mm [.25 in]**

[All PIDG FASTON Receptacle Quick Disconnects \(21\)](#)

Features

Industry Standards

|                                           |                                |
|-------------------------------------------|--------------------------------|
| Compatible With Agency/Standards Products | RU (UL Component Program), CSA |
|-------------------------------------------|--------------------------------|

Termination Features

|                       |              |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Connection Capacity               | Single        |

Electrical Characteristics

|                |       |
|----------------|-------|
| Voltage Rating | 300 V |
|----------------|-------|

Body Features

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

Mechanical Attachment

|                         |        |
|-------------------------|--------|
| Wire Insulation Support | With   |
| Mating Retention Type   | Dimple |



Other

|                    |           |
|--------------------|-----------|
| Barrel Color       | Red       |
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Product Type Features

|                                    |           |
|------------------------------------|-----------|
| Compatible With Discrete Wire Type | Stranded  |
| Terminal Features                  | Wire Stop |
| Insertion Force                    | Normal    |

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Dimensions

|                                      |                 |
|--------------------------------------|-----------------|
| Product Length                       | 22.86 mm[.9 in] |
| Compatible Insulation Diameter Range | 3.56 mm[.14 in] |
| Terminal Material Thickness          | .46 mm[.018 in] |
| Wire Size                            | 509 – 1900 CMA  |

Contact Features

|                                |                   |
|--------------------------------|-------------------|
| Quick Disconnect Terminal Type | Receptacle        |
| Mating Tab Width               | 6.35 mm[.25 in]   |
| Mating Tab Thickness           | .81 mm[.032 in]   |
| Terminal Orientation           | Straight          |
| Contact Base Material          | Brass             |
| Terminal Plating Material      | Tin               |
| Crimp Type                     | Compression Crimp |
| Barrel Type                    | Closed            |

Usage Conditions

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

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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 # 90035-3  
DAHT PIDG FASTON 22-18 ASSY

TE Part # 59824-1  
TETRA-CRIMP PIDG PG FASTON 22-10 ASSY

TE Part # 58423-1  
DIE, RBY IS9252

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

TE Part # 47386-4  
DAHT PG PIDG 26-16 ASSY

Also in the Series | PIDG



Compression Connectors(17)



Crimp Wire Pins, Tabs & Ferrules(41)



Hand Crimping Tools(2)



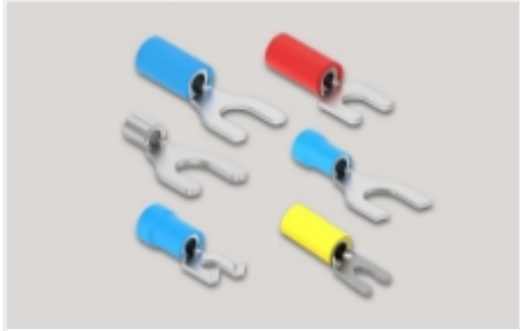
Knife Disconnects(11)



Quick Disconnects(38)



Ring Terminals(588)



Spade Terminals(228)



Special Purpose Terminals(1)



Splices(41)

Customers Also Bought



TE Part #1658527-2  
622-0630LF FEM SOCKT,LEAD FREE



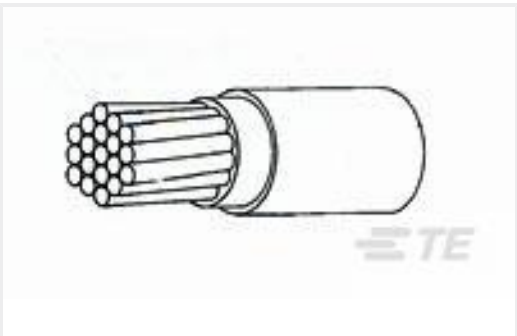
TE Part #T1440101120-000  
H10B-SGRS-M20



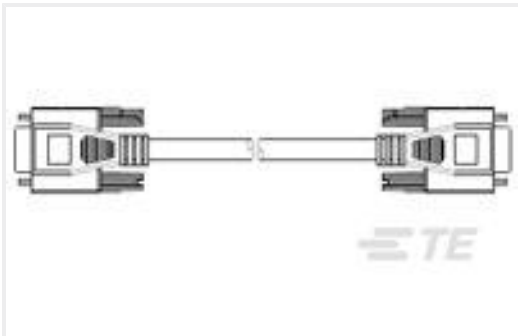
TE Part #806157-000  
202D921-4/42-0



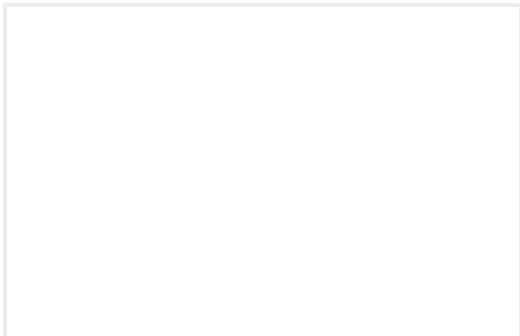
TE Part #2003101-F  
HDIM500GUY8P5; PRES; 0..  
500MBARD;SMD;5V



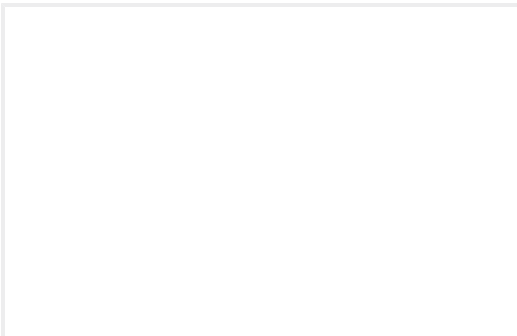
TE Part #CD77033001  
44A0111-20-2LCK0300



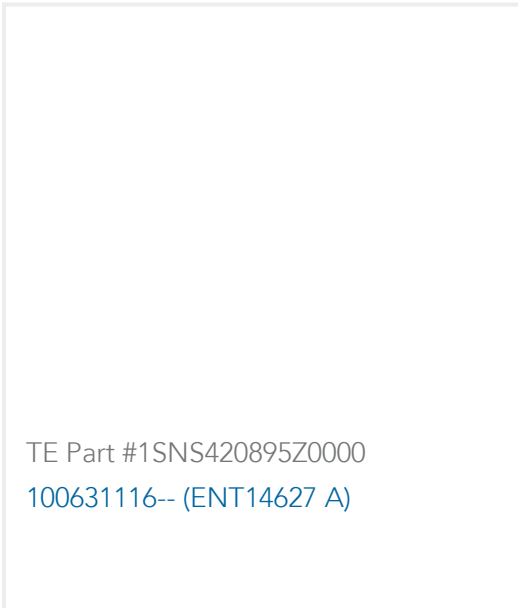
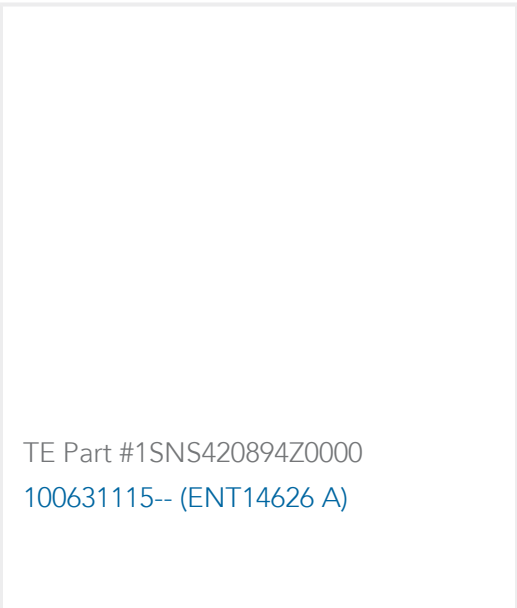
TE Part #621808-1  
DB EXT DB9 M/F 6'



TE Part #A04570-000  
HX-SCE-6.4-50-4



TE Part #1SNS420893Z0000  
100631114-- (ENT14625 A)



Documents

Product Drawings

RECEPT,PIDG FASTON 22-18 250

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_640903-1\_J1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_640903-1\_J1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_640903-1\_J1.3d\_stp.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_640903-1\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_640903-1\_J.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_640903-1\_J.3d\_stp.zip

English

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

Datasheets & Catalog Pages

PIDG\_FASTON

English

Ultra-Fast and Ultra Fast Plus

English

PIDG TERMINALS & SPLICES Quick Reference Guide



English

[Product Specifications](#)

[Application Specification](#)

English

[Agency Approvals](#)

[UL Report](#)

English