

1658680-1 ✓ ACTIVE

AMPLIMITE

TE Internal #: 1658680-1

Crimp D-Sub Connectors, Plug, Cable-to-Cable, 44 Position, Contact Size Size 22, 3 Connector Shell Size, Mating Retention, Shielded

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > Crimp D-Sub Connectors



Connector & Housing Type: **Plug**

Connector System: **Cable-to-Cable**

Number of Positions: **44**

Contact Size: **Size 22**

Connector Shell Size: **3**

### Features

#### Product Type Features

Shell Material Configuration	Full Metal Shell
Ground Feature Type	Grounding Indents
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	3
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	44
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#### Body Features

Insert Material	Thermoplastic
Mating Retention Feature Material	Zinc Alloy
Shield Plating Material	Tin
Shield Material	Steel



Shell Plating Material	Tin
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### Contact Features

Contact Size	Size 22
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### Mechanical Attachment

Mating Retention	With
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Mating Retention Type	Jackscrew
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### Housing Features

Shell Material	Steel
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Centerline (Pitch)	2.28 mm[.09 in]
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### Dimensions

Compatible Insulation Diameter Range	5.51 – 11.05 mm
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Shielded	Yes
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Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
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Packaging Method	Kit, Package
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### Other

D-Shaped Connectors Comment	Components shipped unassembled, each part bulk-packaged., Expansion Tool P/N 58241-1 is for use with Cable with a Maximum Outer Diameter of 11.56 [.445]., There is a maximum Cable O.D. of 11.56 [.455] for Shielding Enclosure Expansion Tool 58241-1.
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # CAT-038-DCRSS223  
D-Sub Crimp Recpt Signal 44 Posn, Socket Size 22, Shell Size 3



TE Part # 1658672-1  
HDP-22,PLUG,SIZE 3,44 POSN



TE Part # 747936-1  
25 HDP SHIELDED ENCLOSURE

### Customers Also Bought



TE Part # HD34-18-20SN  
REC, 20P, AL, N, 16/20, S



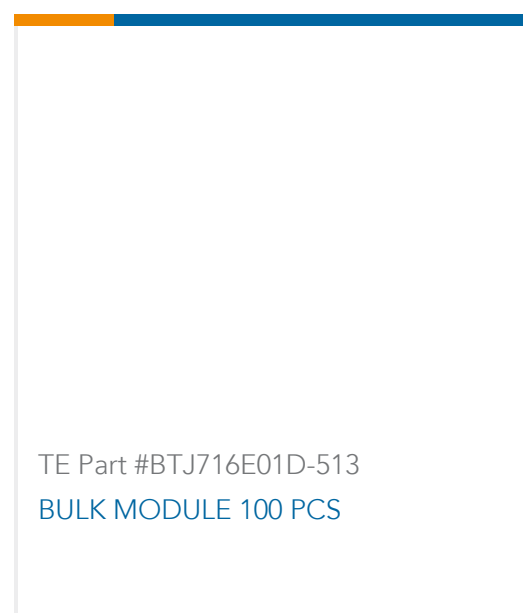
TE Part # 8296870003  
RPS Commercial Grade Sleeves



TE Part # 2-1393254-1  
W91-X112-1=M6/M7/M9/W6/W7



TE Part # 1564724-1  
1.5MM SFC,CONTACT



## Documents

### Product Drawings

[KIT,HDP-22,ENCLSUR,PLUG,SIZE 3](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1658680-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1658680-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1658680-1\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[AMPLIMITE Subminiature D Connectors - Cable Connectors](#)

English

[AMPLIMITE Cable Connectors and Shielding Hardware Kits QRG](#)

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[MD\\_1658680-1\\_052820131310\\_dmtec](#)

English

[MD\\_1658680-1\\_052820131310\\_dmtec](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)



English

[Instruction Sheet \(U.S.\)](#)

English

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[Agency Approvals](#)

[UL Report](#)

English