

PLUG ASSY SIZE 5 ✓ ACTIVE

AMPLIMITE

TE Part # 1658641-3

TE Internal #: 1658641-3

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



Connector Style: **Plug**

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

Number of Positions: **50**

Contact Size: **20**

Shell Size: **5**

Features

Product Type Features

Grade	Standard
Grounding Indents	Without
Product Type	Connector
Shell Type	Full Metal Shell
Connector Style	Plug
Connector System	Cable-to-Cable
Shell Size	5
Shielded	No
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
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Body Features

Shell Material	Steel
Shell Plating Material	Zinc



Insert Material	Glass-Filled Nylon
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Contact Features

Contact Size	20
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Mechanical Attachment

Mating Connector Lock	With
Mating Connector Lock Type	Mounting Holes

Housing Features

Housing Material	Nylon GF, Polyester GF
Housing Color	Black
Centerline (Pitch)	2.74 mm, 2.76 mm, 2.79 mm [.108 in][.109 in] [.11 in]

Dimensions

Cable Insulation Diameter Range	4.58 – 11.68 mm
Wire Size	.2 – .56 mm ²

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Insert Flammability Rating	UL 94V-0
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Package
Packaging Quantity	225

Other

Comment	Plugs accept size 20 DF pin contacts.
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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 2019
(197)

Candidate List Declared Against: JUN 2018
(191)

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1658652-1
KIT,HDP-20,OVRMLD,
PLUG,SIZE 5,



TE Part # 1658653-1
KIT,HDP-20,OVRMLD,
RCPT,SIZE 5,



TE Part # 1658661-1
KIT,HDP-20,ENCLSUR,
PLUG,SIZE 5



TE Part # 1658640-1
HDP-20,RCPT,SIZE 5, 50
POSN



TE Part # 5745884-2
RCPT ASSY,50P,HDP-20,
CN,M3



TE Part # 5747959-1
KIT,RCPT,50P,HDP-20,
SHLD ENCLSRE



TE Part # 1658640-2
RECP. ASSEMBLY SIZE 5



TE Part # 5745884-1
RCPT ASSY,50P,HDP-20,
CN

Customers Also Bought

PLUG ASSY SIZE 5

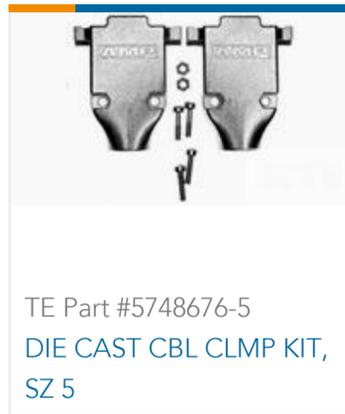
TE Part # 1658641-3
TE Internal #: 1658641-3



TE Part #5205732-1
CLAMSHELL ASSEMBLY,
SIZE 5



TE Part #1658640-2
RECP. ASSEMBLY SIZE 5



TE Part #5748676-5
DIE CAST CBL CLMP KIT,
SZ 5



TE Part #205210-8
PLUG ASSY SIZE 4



TE Part #205209-7
RECP ASSY SIZE 4



TE Part #5205980-1
SCREW RETAINER KIT



TE Part #5747223-3
AMPLI FEM S'LOCK KIT



TE Part #747784-8
JACKSCREW KIT,4-40,
BULK



TE Part #206509-1
SIZE 20 KEYING PLUG



TE Part #207476-1
CABLE CLAMP KIT,SZ 5

Documents

Product Drawings

PLUG ASSY SIZE 5

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1658641-3_D.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1658641-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658641-3_D.3d_stp.zip](#)

English

Datasheets & Catalog Pages

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



English

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English