



AMPLIMITE

TE Internal #: 1658640-2

50 Position D-Shaped Connector, Receptacle, Cable-to-Cable,
Panel Mount, Shell Size 5

[View on TE.com >](#)

Connectors > D-Shaped Connectors > D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5



Number of Positions: 50

Connector & Housing Type: **Receptacle**

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

Connector Mounting Type: **Panel Mount**

Connector Shell Size: 5

[All D-Sub Crimp Recpt Signal 50 Posn, Socket Size 20, Shell Size 5 \(4\)](#)

Features

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
Connector Shell Size	5
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	50
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Body Features

Shell Plating Material	Zinc
Primary Product Color	Black
Insert Material	Glass-Filled Nylon

Contact Features



Contact Size	Size 20
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Contact Options	Order Separately
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Panel Mount
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Mating Retention	With
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Mating Retention Type	Mounting Holes
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Housing Features

Housing Material	Nylon GF, Polyester GF
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Shell Material	Steel
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Centerline (Pitch)	2.74 mm, 2.77 mm, 2.79 mm [.108 in][.109 in] [.11 in]
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Dimensions

Compatible Insulation Diameter Range	4.58 – 11.68 mm
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Wire Size	24 – 20 AWG
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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 Method	Package
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Packaging Quantity	225
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted
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	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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-035-DCPPS205
D-Sub Crimp Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5



TE Part # 206509-1
SIZE 20 KEYING PLUG

Customers Also Bought



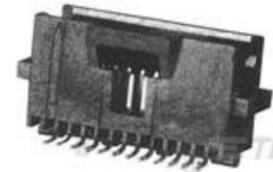
TE Part #ATA101N0002102E342
618 EC PLUG, ANGLED, INDIVIDUAL PARTS



TE Part #CSA264N00450001000
940 PLUG



TE Part #1-102387-1
60 MODIV HSG COMP DR .100 POL



TE Part #5-104549-8
60 SYS50 S/M HDR DRST SHRDSN



Documents

Product Drawings

RECP. ASSEMBLY SIZE 5

English

CAD Files

Customer View Model

[ENG_CVM_1658640-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1658640-2_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1658640-2_C.2d_dxf.zip](#)

English

3D PDF

3D

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

Application Specification

English



Instruction Sheets

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

English

Agency Approvals

[CSA Certificate](#)

English