

749814-7 ✓ ACTIVE

AMPLIMITE | AMPLIMITE HDE

TE Internal #: 749814-7

Receptacle, 26 – 22 AWG Solid Wire, .13 – .32 mm² Solid Wire,
Shielded, Cable-to-Cable, 9 Position, AMPLIMITE HDE, IDC D-Sub
Connectors

[View on TE.com >](#)



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm



Connector & Housing Type: **Receptacle**

Solid Wire Size: **.13 – .32 mm²**

Shielded: **Yes**

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

[All IDC D-Sub: Receptacle Kit, Wire to Wire, Signal, 2.74 mm \(8\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Body Features

Shell Plating Material	Tin over Copper
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Strain Relief Material	Stainless Steel
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Cable Exit Angle	180°
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Primary Product Color	Black
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Packaging Features

Packaging Method	Package
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Packaging Quantity	1
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Mechanical Attachment

Mating Retention	With
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Mating Retention Type	Mounting Holes
Thread Size	4-40
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze, Brass
Contact Type	Socket
Wire Contact Termination Area Plating Material	Tin
Contact Options	Installed
Contact Size	Size 20
Contact Current Rating (Max)	1.5 A, 2.4 A

Housing Features

Housing Material	Nylon GF, Polyester GF
Shell Material	Steel
Centerline (Pitch)	2.77 mm[.109 in]

Operation/Application

Circuit Application	Signal
Shielded	Yes

Dimensions

Accepts Cable Insulation Diameter Range	4.7 – 8.13 mm[.185 – .32 in]
Solid Wire Size	.13 – .32 mm ²
Wire Size	26 – 22 AWG

Product Type Features

Shell Material Configuration	Full Metal Shell
Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable
Connector Product Type	Connector Kit
Connector Shell Size	1
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Rows	2



Compatible With Wire & Cable Type	Round Jacketed Cable
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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) 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

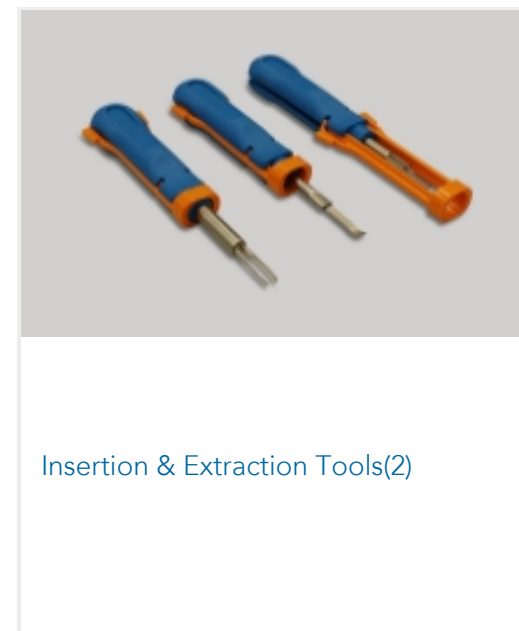
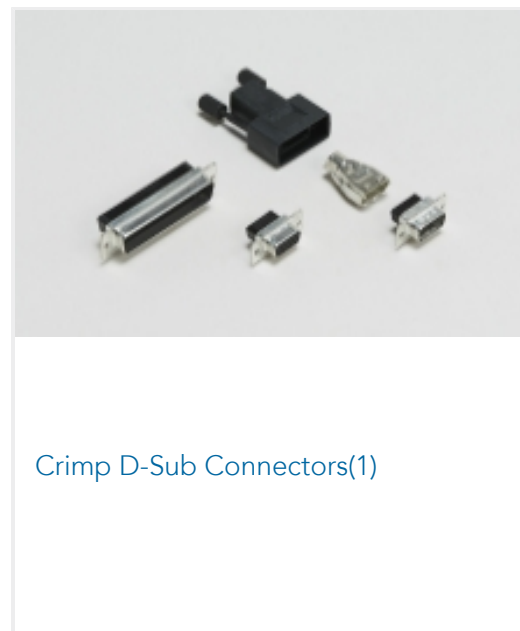
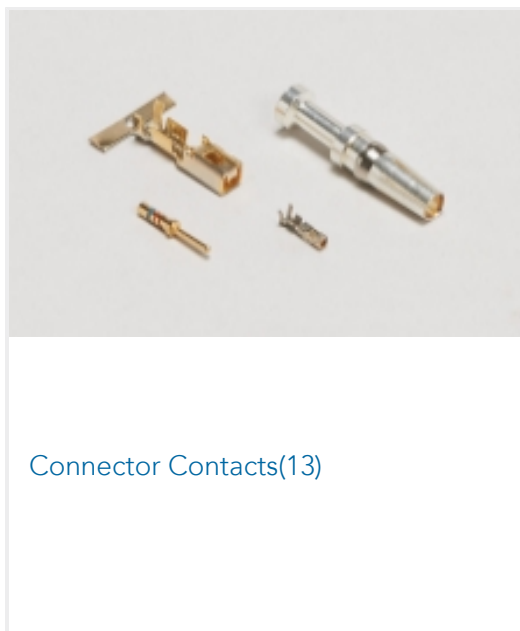
Product Compliance Disclaimer

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>

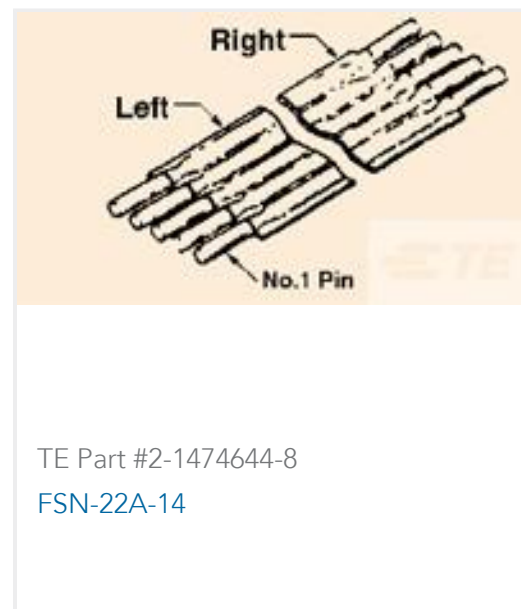
Compatible Parts



Also in the Series | **AMPLIMITE HDE**



Customers Also Bought





Documents

Product Drawings

[KIT SZ 1, HDE RCPT, LEAD FREE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_749814-7_M.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_749814-7_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_749814-7_M.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

English