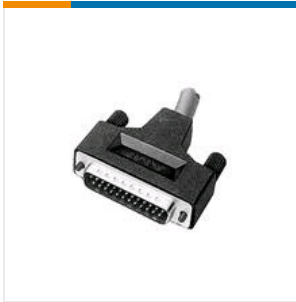




CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

KIT, PLUG, 25P, HDE, SHLD ENCLSRE

AMPLIMITE | HDE (IDC) Insulation

1-747948-8

TE Internal Number: 1-747948-8

Alias ID: AMP-1-0747948-8, CC2101-000

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**



Product Drawings

SHIELDING ENCLOSURE KIT, PLUG, SIZE 3, 25 POSN, AMPLIMITE HDE-20

PDF
English

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

AMPLIMITE Subminiature D Connectors - Cable Connectors

PDF
English

Product Specifications

Product Specification	AMPLIMITE Shielding Hardware Connector PDF English
Application Specification	AMPLIMITE HDE-20 Insulation Displacement Connector PDF English
	AMPLIMITE HDE-20 IDC Connectors PDF English
Qualification Test Report	AMPLIMITE HDE-20 Shielding Hardware Kits With And Without Enclosures PDF English
	AMPLIMITE HDE-20 Insulation Displacement Connector PDF English
	AMPLIMITE HDE-20 Insulation Displacement Connector TIF English
	AMPLIMITE HDE-20 & HDP-20 Shielding Hardware TIF English
	AMPLIMITE HDE-20 & HDP-20 Shielding Hardware PDF Japanese
	AMPLIMITE HDE-20 & HDP-20 Shielding Hardware PDF English

Instruction Sheets

Instruction Sheet (U.S.)	AMPLIMITE High Den. (HDE-20) Insulation Displacement Metal Shell Conn. PDF English
	Shielding Hardware Enclosure Kits With AMPLIMITE HDE-20, HDP-20, And HDP-22 Crimp Snap-In Contact Connectors PDF English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Connector Style	Plug
	Shielded	Yes
	Shell Size	3
	Wire/Cable Type	Discrete Wire, Round Jacketed Cable
	Enclosure Material	PVC
	Grounding Indents	With
	Shell Type	Front Metal Shell
	Product Type	Connector
	Insulation Support	Yes
	Thread Size	4-40
	Grade	Standard

Number of Rows	2
Preloaded	Yes
Pre-Assembled	No

Body Features

Shell Material	Steel
Shield Plating Material	Tin
Insert Material	Thermoplastic
Shield Material	Steel
Shell Plating Material	Tin
Color	Black

Contact Features

Contact Size	20
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Gold Flash
Solder Tail Contact Plating Material	Tin over Nickel

Termination Features

Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
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Mechanical Attachment

PCB Mount Retention Type	None
Jackscrew Material	Zinc Alloy
Mating Connector Lock	With
Mounting Angle	Straight
Mating Connector Lock Type	Jackscrews

Housing Features

Enclosure	With
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Dimensions

Wire Range	.15 – .4 mm² [26 – 22 AWG]
Cable Diameter (Max)	11.05 mm [.435 in]
Cable Insulation Diameter	5.51 – 11.05 mm [.217 – .435 in]
Cable Outside Diameter	5.51 – 11.05 mm [.217 – .435 in]
Wire Insulation Diameter	1.52 mm [.06 in]

Industry Standards

Insert Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	1

Other

Comment

Maximum cable diameter after jacket and braid removed., There is a maximum Cable O.D. of 11.56 [.455] for Shielding Enclosure Expansion Tool 58241-1.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

