



IDC D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

15 POS HDF PLUG, MS, LEAD FREE

AMPLIMITE | HDF for Flat Ribbon Cable

1658613-3

TE Internal Number: 1658613-3

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline (in) **.0545**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

Product Drawings

[PLUG ASSEMBLY, FRONT METAL SHELL, LEAD-FREE, AMPLIMITE HDF](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

Catalog Pages/Data Sheets

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

PDF
English

Product Specifications

Product Specification

[AMPLIMITE HDF-20 Low Profile Connector](#)

PDF
English

Qualification Test Report

[AMPLIMITE MDF-20 Low Profile Connector](#)

PDF
Japanese

[AMPLIMITE MDF-20 Low Profile Connector](#)

PDF
English

[AMPLIMITE MDF-20 Low Profile Connector](#)

TIF
English

Instruction Sheets

Instruction Sheet (U.S.)

[Connector Specific Kit 749249-1 For AMP LATCH HDF Low Profile Connector](#)

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
	Shell Size	2
	Wire/Cable Type	Ribbon Cable
	Grounding Indents	With
	Shell Type	Front Metal Shell
	Product Type	Connector
	Profile	Low
	Grade	Standard
Configuration Features	Number of Positions	15
	Number of Rows	2
	Preloaded	Yes
Body Features	Ribbon Cable Centerline Spacing	1.27 mm [.05 in]
	Strain Relief Part Number	747275-3
	Shell Plating Finish	Bright
	Shell Material	Steel
	Shell Plating Material	Tin
	Cover Material	Thermoplastic
	Color	Black
Contact Features	Contact Size	20
	Contact Base Material	Phosphor Bronze
	Contact Type	Pin
	Solder Tail Contact Plating Material	Tin over Nickel
Termination Features	Termination Method to Wire/Cable	Insulation Displacement Crimp (IDC)
Mechanical Attachment	PCB Mount Retention Type	None
	Mating Connector Lock	With
	Mounting Angle	Straight

Mating Connector Lock Type

Mounting Holes

Housing Features

Centerline (in)

.0545

Housing Material

Thermoplastic

Enclosure

Without

Dimensions

Wire Range

.08 - .15 mm² [28 - 26 AWG]

Cable Insulation Diameter

.81 - .97 mm [.032 - .038 in]

Industry Standards

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

40

Packaging Method

Tube

Other

Optional Cable Stabilizer

747275-3

Comment





All plug assemblies are supplied with housing and cover preassembled

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

IDC D-SUB CONNECTORS	IDC D-SUB CONNECTORS	MOLDED SMD INDUCTORS	D-SUB LOCKING & MOUNTING
			
28 50S CABLE PLUG CONN/COV KIT 5749621-3	15 POS HDF RCPT, MS, LEAD FREE 1658612-3	3615A-10-3509-10 0.47UH 3615AR47K	015 LP HDF STRAIN RELIEF 747275-3
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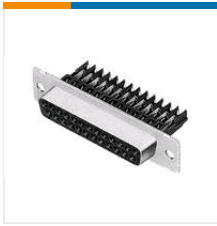
Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE I HDE (IDC) Insulation

15 HDE MS RCPT, 22-26, LEAD FREE - 1-745493-4

TE INTERNAL NUMBER: 1-745493-4
ALIAS ID: 2-42932-9171, AMP-1-0745493-4, E42316-000

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE I Standard

15 MSFL RCPT RA 318 (IN, FM, BL) - 5747845-4

TE INTERNAL NUMBER: 5747845-4
ALIAS ID: 1343647

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Contact Shape **Round**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE I Standard

15 MSFL RCPT RA 318 (IN, FM) - 5745782-4

TE INTERNAL NUMBER: 5745782-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **15**

Number of Rows **2**

Shell Size **2**

Contact Shape **Round**

