

IDC D-SUB CONNECTORS







PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE)

15 POS HDF PLUG, AP, LEAD FREE

AMPLIMITE | HDF for Flat Ribbon Cable

1658615-3

TE Internal Number: 1658615-3

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, LEAD-FREE, AMPLIMITE HDF

PDF **English**

CAD Files

Customer View Model

2D DXF.ZIP

Customer View Model

3D_IGS.ZIP English

Customer View Model

3D_STP.ZIP English

3D PDF

PDF 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

PDF **English**

Instruction Sheets

Instruction Sheet (U.S.)

Connector-Specific Kit 768349-1 For AMP-LATCH HDF Low-Profile 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
	Shell Size	2
	Wire/Cable Type	Ribbon Cable
	Grounding Indents	With
	Shell Type	All Plastic
	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
	Cover Material	Thermoplastic
	Color	Black
Contact Features	Contact Size	20
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (μin)	30
	Contact Type	Pin
	Contact Mating Area Plating Material	Gold
	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

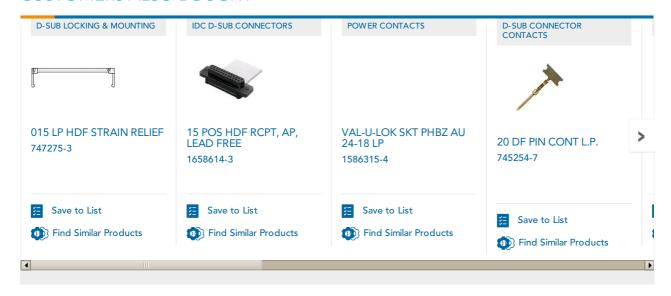
	Mating Connector Lock	With
	Mounting Angle	Straight
	Mating Connector Lock Type	Mounting Holes
Housing Features	Centerline (in)	.0545
	Housing Material	Thermoplastic
	Enclosure	Without
Dimensions	Wire Range	.08 – .15 mm ² [28 – 26 AWG]
	Cable Insulation Diameter	.81 – .97 mm [.032 – .038 in]
ndustry 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	

Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT



Products - 14 Results

View All

Compare 0/10

Relation Type

RELATIONSHIP

Mating Products
Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors AMPLIMITE | Standard

HD-20 RCPT 15P RA 318 FFSCRLK - 5745396-2 TE INTERNAL NUMBER: 5745396-2

✓ 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 - IDC D-Sub Connectors

AMPLIMITE I HDE (IDC) Insulation

15 HDE AP RECEPT,

LEAD FREE - 745205-7

TE INTERNAL NUMBER: 745205-7

✓ 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 - IDC D-Sub Connectors
AMPLIMITE I HDF for Flat Ribbon Cable
15 POS HDF RCPT, AP,
LEAD FREE - 1658614-3

TE INTERNAL NI IMBER: 1658614-3

✓ Active

Always EU RoHS/ELV Compliant

Connector Style Receptacle

Number of Positions 15

Number of Rows 2

Preloaded **Yes**

Contact Size 20



