



IDC D-SUB CONNECTORS



TE CONNECTIVITY (TE)

25 POS HDF RCPT, MS, LEAD FREE

AMPLIMITE | HDF for Flat Ribbon Cable

1658610-2

TE Internal Number: 1658610-2

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.0545**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

RECPT ASSY, FRONT METAL SHELL, THREADED INSERTS, LEAD-FREE, AMPLIMITE HDF

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

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

Product Environmental Compliance

Instruction Sheets

Instruction Sheet (U.S.)

Connector-Specific Kit 768349-1 For AMP-LATCH HDF Low-Profile ConnectorsPDF
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	Receptacle
	Shell Size	3
	Wire/Cable Type	Ribbon Cable
	Grounding Indents	Without
	Shell Type	Front Metal Shell
	Product Type	Connector
	Profile	Low
	Thread Type	Standard
Grade	Standard	

Configuration Features	Number of Positions	25
	Number of Rows	2
	Preloaded	Yes

Body Features	Ribbon Cable Centerline Spacing	1.27 mm [.05 in]
	Strain Relief Part Number	747275-2
	Shell Plating Finish	Bright
	Shell Material	Steel
	Insert Material	Brass
	Shell Plating Material	Tin
	Cover Material	Thermoplastic
Color	Black	

Contact Features	Contact Size	20
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Type	Socket
	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

Threaded Insert Material

Brass

Mating Connector Lock

With

Threaded Insert Plating Material

None

Mounting Angle

Straight

Mating Connector Lock Type

Threaded Insert, 4-40 UNC

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 Method

Tube

Packaging Quantity

40

Other

Optional Cable Stabilizer

747275-2

Comment

All plug assemblies are supplied with housing and cover preassembled

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 64 Results

[View All](#)

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Relation Type



RELATIONSHIP

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		✓
	Connectors - PCB D-Sub Connectors AMPLIMITE I Action Pin	Always EU RoHS/ELV Compliant
	25 PLUG ACT PIN/MS MED SCRLK - 5748146-6	Connector Style Plug
	TE INTERNAL NUMBER: 5748146-6	Number of Positions 25
	✓ Active	Number of Rows 2
		Shell Size 3
		Profile Standard

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		✓
	Connectors - PCB D-Sub Connectors AMPLIMITE I Standard	Always EU RoHS/ELV Compliant
	25 MSFL PLUG RA 318 (FM, BL) - 5747842-2	Connector Style Plug
	TE INTERNAL NUMBER: 5747842-2	Centerline 2.77 mm
	✓ Active	Number of Positions 25
		Number of Rows 2
		Shell Size 3

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS		✓
	Connectors - PCB D-Sub Connectors AMPLIMITE I Standard	Always EU RoHS/ELV Compliant
	25 MSFL PLUG RA 318 (SL, FM) - 5747238-6	Connector Style Plug
	TE INTERNAL NUMBER: 5747238-6	Number of Positions 25
	✓ Active	Number of Rows 2
		Shell Size 3
		Contact Shape Round