



CONNECTORS

IDC D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

15 POS HDF RCPT, MS, LEAD FREE

AMPLIMITE | HDF for Flat Ribbon Cable

1658610-3

TE Internal Number: 1658610-3

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.0545**

Number of Positions **15**

Number of Rows **2**

Preloaded **Yes**



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

TE Material Declaration	MD_1658610-3_0707201421_dmtec 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	Receptacle
	Shell Size	2
	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	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
	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	747275-3
	Comment	All plug assemblies are supplied with housing and cover preassembled

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

