



IDC D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

09 POS HDF RCPT, MS, LEAD FREE

AMPLIMITE | HDF for Flat Ribbon Cable

1658610-4

TE Internal Number: 1658610-4

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.0545**

Number of Positions **9**

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

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	1
	Wire/Cable Type	Ribbon Cable
	Grounding Indents	Without
	Shell Type	Front Metal Shell
	Product Type	Connector
	Profile	Low
	Thread Type	Standard
Grade	Standard	



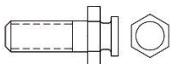

Configuration Features	Number of Positions	9
	Number of Rows	2
	Preloaded	Yes

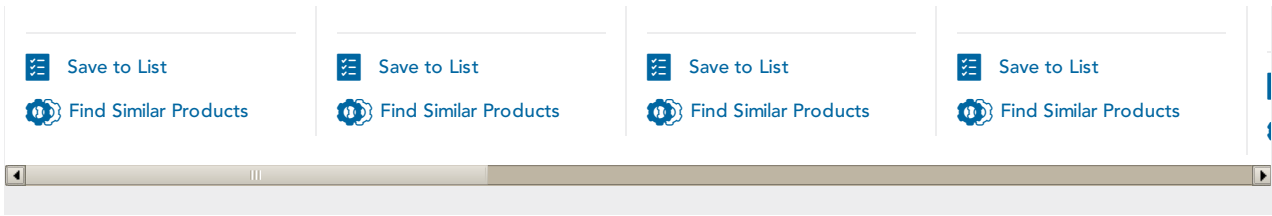
Body Features	Ribbon Cable Centerline Spacing	1.27 mm [.05 in]
	Strain Relief Part Number	747275-4
	Shell Plating Finish	Bright
	Shell Material	Steel
	Shell Plating Material	Tin
	Cover Material	Thermoplastic
	Color	Black

Contact Features	Contact Size	20
	Contact Base Material	Phosphor Bronze
	Contact 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	747275-4
	Comment	All plug assemblies are supplied with housing and cover preassembled
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

SDL ADAPTERS & SHIELDS	IDC D-SUB CONNECTORS	D-SUB LOCKING & MOUNTING	SDL ADAPTERS & SHIELDS
 <p>8 SDL RND SHIELD, TOP, BULK PKG 520464-1</p>	 <p>09 POS HDF PLUG, MS, LEAD FREE 1658608-4</p>	 <p>SLIDE LOCK POST, ZN 5206807-2</p>	 <p>8 SDL RND SHIELD, BTM, BULK PKG 520465-1</p>



Products - 71 Results

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Relation Type ▼


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - PCB D-Sub Connectors
AMPLIMITE
9 PLUG W/INDENTS & C NUTS - 749014-1
TE INTERNAL NUMBER: 749014-1
✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**
Number of Positions **9**
Number of Rows **2**
Shell Size **1**
Contact Shape **Square**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - PCB D-Sub Connectors
AMPLIMITE | HD10, Standard
9POS.HD20 PLUG ASSY - 3-338309-2
TE INTERNAL NUMBER: 3-338309-2
✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**
Centerline **2.74 mm**
Number of Positions **9**
Number of Rows **2**
Shell Size **1**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - PCB D-Sub Connectors
AMPLIMITE | FSM, SP
09 PLUG SP/FMS SCRLK - 1-747871-4
TE INTERNAL NUMBER: 1-747871-4
✓ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Plug**
Number of Positions **9**
Number of Rows **2**
Shell Size **1**
Contact Shape **Round**

