+ CONNECTORS

IDC D-SUB CONNECTORS

✔ Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

09 POS HDF PLUG, MS, LEAD FREE

AMPLIMITE | HDF for Flat Ribbon Cable

1658613-4
TE Internal Number: 1658613-4

Always EU RoHS/ELV Compliant

Connector Style   **Plug**

Centerline (in)   **.0545**

Number of Positions   **9**

Number of Rows   **2**

Preloaded   **Yes**

Product Drawings

PLUG ASSEMBLY, FRONT METAL SHELL, LEAD-FREE, AMPLIMITE HDF
PDF
English

CAD Files

Customer View Model
3D_STP.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
2D_DXF.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_1658613-4_0622201572_dmtcs

MD_1858813-4_0822201572_amtec
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	**1**
	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	**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 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 | 747275-4 |
| | Comment | All plug assemblies are supplied with housing and cover preassembled |

| Product Compliance | | Statement of Compliance |
| | | PDF |

VIEW ALL PRODUCT COMPLIANCE

Products - 106 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 | SP

09 RCPT SP/MS STD - 205734-1

TE INTERNAL NUMBER: 205734-1

✔ Active

Always ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Contact Shape **Square**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE | SP, Standard

09 RCPT SP/FMS STD - 747150-2
TE INTERNAL NUMBER: 747150-2

✔ Active

5 of 6 EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Contact Shape **Round**

RELATIONSHIP
Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE | SL, Standard

09 MSFL RCPT RA 318 (SL, FM) - 745781-6
TE INTERNAL NUMBER: 745781-6

✔ Active

Not EU RoHS or ELV Compliant

Connector Style **Receptacle**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Contact Shape **Round**