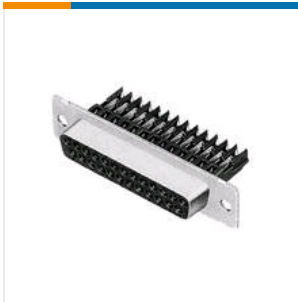**TE**
connectivity

+ CONNECTORS

IDC D-SUB CONNECTORS

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

TE CONNECTIVITY (TE)

09 HDE MS RCPT,26-30,LEAD FREE

AMPLIMITE | HDE (IDC) Insulation

1-745491-6
TE Internal Number: 1-745491-6

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.054**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Product Drawings

RECEPTACLE ASSEMBLY, METAL SHELL, SIZE 1, 9 POSITION, SERIES HDE-20 FOR MASS TERMINATION
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 HDE-20 Insulation Displacement Connector
PDF
English

Application Specification

AMPLIMITE HDE-20 IDC Connectors
PDF
English

Qualification Test Report

AMPLIMITE HDE-20 Insulation Displacement Connector
PDF
English

AMPLIMITE HDE-20 Insulation Displacement Connector
TIF
English

Instruction Sheets

Instruction Sheet (I.S.)

AMPLIMITE High Den. (HDE-20) Insulation Displacement Metal Shell Conn.

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	**Discrete Wire, Round Jacketed Cable**
	Product Type	**Connector**
	Grounding Indents	**Without**
	Shell Type	**Full Metal Shell**
	Grade	**Standard**

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

Body Features	Shell Material	**Steel**
	Insert Material	**Thermoplastic**
	Shell Plating Material	**Tin**
	Color	**Black**

Contact Features	Contact Size	**20**
	Contact Mating Area Plating Material	**Gold**
	Contact Base Material	**Phosphor Bronze**
	Solder Tail Contact Plating Material	**Tin over Nickel**
	Contact Mating Area Plating Thickness (μin)	**30**
	Contact Type	**Socket**

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) | .054 |
| | Enclosure | **Without** |

| Dimensions | Wire Range | **.05 – .15 mm² [30 – 26 AWG]** |
| | Wire Insulation Diameter | **1.52 mm [.06 in]** |

| Industry Standards | Insert Flammability Rating | **UL 94V-0** |

| Packaging Features | Packaging Method | **Package** |
| | Packaging Quantity | **140** |

| Other | Comment | **All connectors are preloaded. Individual conductor strands should be larger than 0.13 [.005] diameter. Contacts accept a max. wire insulation thickness of 0.38 [.015]. HDE connectors are designed for terminating solid or stranded (7-strand max.) wire., Connectors can be made available with clinch nuts, contact AMP Incorporated, HDE connectors are designed for terminating solid or stranded (7-strand max.) wire., Individual conductor strands should be larger than 0.127 in. [.005] diameter.** |

Product Compliance	Statement of Compliance
	PDF
	VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

D-SUB BACKSHELLS & CLAMPS	IDC D-SUB CONNECTORS	IDC D-SUB CONNECTORS	IDC D-SUB CONNECTORS
HDE 20 KIT, CABLE CLAMP	15 HDE MS PLUG, 22-26, LEAD FREE	09 HDE MS PLUG, 26-30, LEAD FREE	PLUG ASSY, 25P, HDE, MS
745547-1	1-745494-6	1-745492-7	1-745496-9
⊟ Save to List	⊟ Save to List	⊟ Save to List	⊟ Save to List
✺ Find Similar Products	✺ Find Similar Products	✺ Find Similar Products	✺ Find Similar Products

Products - 71 Results

View All

Compare 0/10 ⇆

Relation Type ▼

Mating Products
Used to identify Mating Parts
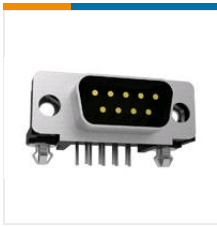
PRODUCT - MATING PRODUCTS

Connectors - PCB D-Sub Connectors
AMPLIMITE | Standard

HD-20 PLUG RA .318 FMS BD-LK 4 - 5747840-4
TE INTERNAL NUMBER: 5747840-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **2.74 mm**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

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

09 PLUG SP/FMS STD - 5747871-4
TE INTERNAL NUMBER: 5747871-4

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Contact Shape **Round**

Mating Products
Used to identify Mating Parts

PRODUCT - MATING PRODUCTS

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

09 MSFL PLUG RA 318 (SL, FM) - 5747250-6
TE INTERNAL NUMBER: 5747250-6

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Shell Size **1**

Contact Shape **Round**