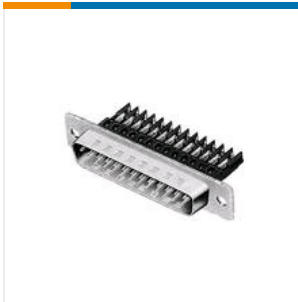




IDC D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

25 HDE MS PLUG,22-26,LEAD FREE

AMPLIMITE | HDE (IDC) Insulation

1-745496-7

TE Internal Number: 1-745496-7

Alias ID: AMP-1-0745496-7, C29226-000

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm [.054 in]**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Product Drawings

PLUG ASSY, METAL SHELL, SIZE 3, 25 POSN, 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 (U.S.)

AMPLIMITE Plug Assy (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 | Plug |
| | Shell Size | 3 |
| | Wire/Cable Type | Discrete Wire, Round Jacketed Cable |
| | Product Type | Connector |
| | Grounding Indents | With |
| | Shell Type | Full Metal Shell |
| | Grade | Standard |
| Configuration Features | Number of Positions | 25 |
| | 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 |
| | Solder Tail Contact Plating Finish | Matte |
| | Solder Tail Contact Plating Material | Tin over Nickel |
| | Contact Base Material | Phosphor Bronze |
| | Contact Type | Pin |
| 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 | 1.38 mm [.054 in] |

| | Enclosure | Without |
|--------------------|----------------------------|---|
| Dimensions | Wire Range | .15 – .4 mm ² [26 – 22 AWG] |
| | Wire Insulation Diameter | 1.52 mm [.06 in] |
| Industry Standards | Insert Flammability Rating | UL 94V-0 |
| Packaging Features | Packaging Method | Package |
| | Packaging Quantity | 84 |
| Other | Comment | <p>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., RS-232, size 3 connector, for 0.15-0.4mm²-[26-22] AWG wire select loaded positions 1-8, 15, 17, 20 and 22, Plug P/N 747740-1, Receptacle P/N 747741-1, gold flash contacts.</p> |

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 83 Results

[View All](#)

Compare 0/10

Relation Type

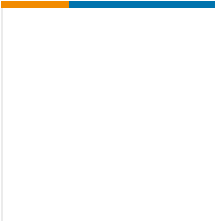
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - PCB D-Sub Connectors
 AMPLIMITE I Standard

25 MSFL RCPT RA 318 (FM) - 5745783-2
 TE INTERNAL NUMBER: 5745783-2

Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Contact Shape **Round**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

25 RCPT SP/FMS SCRLK
- 1-5745967-4

TE INTERNAL NUMBER: 1-5745967-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Contact Shape **Round**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - PCB D-Sub Connectors
AMPLIMITE I Standard

25 MSFL RCPT RA 590
(IN, FM, BL) - 747838-4

TE INTERNAL NUMBER: 747838-4

ALIAS ID: 1157674

✓ Active

Not EU RoHS or ELV Compliant

Connector Style **Receptacle**

Number of Positions **50**

Number of Rows **2**

Shell Size **3**

Contact Shape **Round**