+ CONNECTORS

# PCB D-SUB CONNECTORS

**TE CONNECTIVITY (TE)**

# 09 RCPT SP/MS STD

AMPLIMITE | SP

## 205734-1
TE Internal Number: 205734-1

**Always ELV Compliant**
**Find Compliant Alternatives**

Connector Style    **Receptacle**

Centerline (in)    **.108**

Number of Positions    **9**

Number of Rows    **2**

Shell Size    **1**

✔ Active

⬇ **PRODUCT DRAWING**
   English

⬇ **3D PDF**

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## Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLIMITE HDP
PDF
**English**

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## 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**

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## Product Specifications

Product Specification    AMPLIMITE HD-20 PCB Mounted Connector
PDF
**English**

Application Specification    AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors
PDF
**English**

Qualification Test Report    Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted
PDF
**English**

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## Product Environmental Compliance

TE Material Declaration    MD_205734-1_123020141141_dmtec
PDF
**English**

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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 |
| | Profile | Standard |
| | PCB Mounting Orientation | Vertical |
| | Grounding Straps | Without |
| | Shell Type | Full Metal Shell |
| | Grounding Indents | Without |
| | Applies To | Printed Circuit Board |
| | Sealed | No |
| | Grounded | No |
| | Product Type | Connector |
| | Shielded | No |

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

| Body Features | Plastic | No |
| --- | --- | --- |
| | Color Code | None |
| | Shell Plating Material | Zinc |
| | Insert Material | Polyamide, GV |
| | Shell Material | Carbon Steel |
| | Post Size | .64 mm [ .025 in ] |

| Contact Features | Contact Shape | Square |
| --- | --- | --- |
| | Solder Tail Contact Plating Material | Tin-Lead over Nickel |
| | Contact Base Material | Phosphor Bronze |
| | Contact Mating Area Plating Thickness (µin) | 30 |
| | Contact Mating Area Plating Material | Gold Flash over Palladium Nickel, Gold |

| Termination Features | Termination Post Length | 3.18 mm [ .125 in ] |
| --- | --- | --- |
| | Grounding Clips | Without |

| Mechanical Attachment | PCB Mounting Style | Through Hole |
| --- | --- | --- |
| | PCB Mount Retention | Without |

| | | |
|---|---|---|
| Mating Connector Lock | **Without** | |
| Panel Mount Retention | **Without** | |
| Mounting Hole Diameter (mm) | **3.05** | |

## Housing Features

| | |
|---|---|
| Centerline (in) | **.108** |
| Housing Color | **Black** |
| Housing Material | **Nylon GF, PBT GF** |

## Dimensions

| | |
|---|---|
| PCB Thickness (Recommended) (mm) | **1.57, 2.36** |
| PCB Thickness (Recommended) (in) | **.062, .093** |

## Industry Standards

| | |
|---|---|
| Insert Flammability Rating | **UL 94V-0** |
| UL Flammability Rating | **UL 94V-0** |
| Approved Standards | **UL E28476** |

## Packaging Features

| | |
|---|---|
| Packaging Method | **Tube** |
| Packaging Quantity | **17** |

## Product Compliance

**Statement of Compliance**
PDF

**VIEW ALL PRODUCT COMPLIANCE**

**Products** - 8 Results

View All

Compare 0/10 ⇆

Relation Type ▼

RELATIONSHIP
**Mating Products**
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Connectors - IDC D-Sub Connectors
AMPLIMITE | HDE (IDC) Insulation

**09 SHLDG ENCL PLUG, LEAD FREE - 1-747944-5**
TE INTERNAL NUMBER: 1-747944-5

✔ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

## Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE | HDE (IDC) Insulation

### PLUG ASSY, 9P, HDE, MS - 1-745492-9
TE INTERNAL NUMBER: 1-745492-9

✔ Active

**Always EU RoHS/ELV Compliant**

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**

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## Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE | HDF for Flat Ribbon Cable

### 09 POS HDF PLUG, MS, LEAD FREE - 1658608-4
TE INTERNAL NUMBER: 1658608-4

✔ Active

**Always EU RoHS/ELV Compliant**

Connector Style **Plug**

Number of Positions **9**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**