+ CONNECTORS

PCB D-SUB CONNECTORS

TE CONNECTIVITY (TE)

37 PLUG SP/FMS STD

AMPLIMITE | FSM , SP

747375-2
TE Internal Number: 747375-2

5 of 6 EU RoHS/ELV Compliant
Find Compliant Alternatives

Connector Style **Plug**

Centerline (in) **.108**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

Product Drawings

PLUG ASSEMBLY, SIZE 4, 37 POSITION, VERTICAL, FRONT METAL SHELL, AMPLIMITE HD-20
PDF **(TIFF AVAILABLE)**
English

PLUG ASSEMBLY, SIZE 4, 37 POSITION, VERTICAL, FRONT METAL SHELL, AMPLIMITE HD-20
PDF **(TIFF AVAILABLE)**
English

CAD Files

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
English

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

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	4
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	With
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	Yes
	Product Type	Connector
	Shielded	Yes

Configuration Features	Number of Positions	37
	Number of Rows	2
	Preloaded	Yes

Body Features	Plastic	No
	Color Code	None
	Shield Plating Material	Tin
	Shell Plating Material	Tin
	Insert Material	Brass
	Shell Material	Carbon Steel
	Post Size	.66 mm [.026 in]
	Shield Material	Steel

Contact Features	Contact Shape	Round
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Base Material	Brass
	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

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	**With**
	PCB Mount Retention Type	**Mounting Holes**
	Mating Connector Lock	**Without**
	Panel Mount Retention	**Without**
	Mounting Hole Diameter	**3.05 mm [.12 in]**

Housing Features	Centerline (in)	**.108**
	Housing Color	**Black**
	Housing Material	**Polyester**

| Dimensions | PCB Thickness (Recommended) | **1.57 – 2.36 mm [.062 – .093 in]** |

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

| Packaging Features | Packaging Method | **Tube** |
| | Packaging Quantity | **7** |

| Other | Comment | **Plugs are preloaded with size 20 DF posted pin contacts** |

| Product Compliance | Statement of Compliance PDF | |

VIEW ALL PRODUCT COMPLIANCE