



PCB D-SUB CONNECTORS



✓ Active

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English

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TE CONNECTIVITY (TE)

37 RCPT SP/MS STD

AMPLIMITE | SP

5745189-1

TE Internal Number: 5745189-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **37**

Number of Rows **2**

Shell Size **4**

Product Drawings

[RECEPTACLE ASSY, SIZE 4, 37 POS, VERTICAL, AMPLIMITE HDP](#)

PDF **(TIFF AVAILABLE)**
English

[RECEPTACLE ASSY, SIZE 4, 37 POS, VERTICAL, AMPLIMITE HDP](#)

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CAD Files

[Customer View Model](#)

2D_DXF.ZIP
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3D_STP.ZIP
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[3D PDF](#)

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Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - Straight Posted Connectors](#)

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Product Specifications

Product Specification

[AMPLIMITE HD-20 PCB Mounted Connector](#)

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Application Specification

[AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors](#)

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Qualification Test Report

[Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted](#)

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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	4
	Profile	High
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Full Metal Shell
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
Configuration Features	Number of Positions	37
	Number of Rows	2
	Preloaded	Yes
Body Features	Plastic	No
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Thermoplastic
	Shell Material	Steel
	Post Size	.64 mm [.025 in]
Contact Features	Contact Shape	Square
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Contact Mating Area Plating Material	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	3.05 mm [.12 in]
Housing Features	Centerline (in)	.108
Dimensions	PCB Thickness (Recommended)	1.57 – 2.36 mm [.062 – .093 in]
Industry Standards	Insert Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Tube
	Packaging Quantity	7
Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

PCB D-SUB CONNECTORS

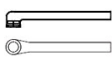


50 RCPT SP/MS STD
5745191-1

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BOX MOUNT D-SUB CONNECTORS



AMPLIMITE, ASY, RCPT,
RTANG, 109, 2
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Relation Type ▼

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products



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

KIT, PLUG, 37P, HDE, SHLD ENCLSR - 1-747950-4

TE INTERNAL NUMBER: 1-747950-4

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **37**

Number of Rows **2**

Preloaded **Yes**

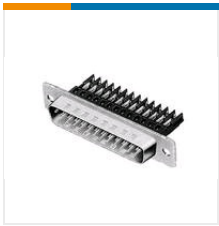


RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

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

PLUG ASSY, 37P, HDE, MS - 1-745498-6

TE INTERNAL NUMBER: 1-745498-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Centerline **1.38 mm**

Number of Positions **37**

Number of Rows **2**

Preloaded **Yes**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

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

KIT, PLUG, 37P, HDE, SHLD ENCLSR - 1-747950-5

TE INTERNAL NUMBER: 1-747950-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **37**

Number of Rows **2**

Preloaded **Yes**

