



PCB D-SUB CONNECTORS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

25 RCPT SP/FMS INSRT

AMPLIMITE | FSM , SP

5745967-8

TE Internal Number: 5745967-8

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.108**

Number of Positions **25**

Number of Rows **2**

Shell Size **3**

Product Drawings

RECEPTACLE ASSY, SIZE 3, 25 POS, FRONT METAL SHELL, WITH OR WITHOUT SCREWLOCKS OR INSERTS, AMPLIMITE HDP

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 - Straight Posted Connectors

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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

Product Environmental Compliance

TE Material Declaration

MD_5745967-8_07152015127_dmtec

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	Receptacle
	Shell Size	3
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Grounded	No
	Product Type	Connector
Shielded	Yes	

Configuration Features	Number of Positions	25
	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 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	2.18 mm [.085 in]
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Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Mounting Holes
	Mating Connector Lock	With
	Mating Connector Lock Type	Threaded Insert, 4-40 UNC
	Panel Mount Retention	Without
	Mounting Hole Diameter	3.05 mm [.12 in]
	Threaded Insert Material	Brass
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
Packaging Features	Packaging Method	Tube
	Packaging Quantity	10
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

<p>RIBBON CABLE CONNECTORS</p>  <p>A/L UNIV HDR 20P VERT 5102154-4</p>	<p>AUTOMOTIVE, TRUCK, BUS, & OFF-ROAD HOUSINGS</p>  <p>PLUG, 2 POSN, ECONOSEAL 207845-1</p>	<p>PCB D-SUB CONNECTORS</p>  <p>ASSY, RCPT, 50 POSN, RTANG, PCB 5552725-3</p>	<p>PCB D-SUB CONNECTORS</p>  <p>25 RCPT SP/FMS STD 5745967-2</p>
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Relation Type ▼

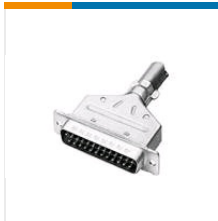
RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDE (IDC) Insulation
KIT, PLUG, 25P, HDE, SHLD HDWRE - 747547-8
TE INTERNAL NUMBER: 747547-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Centerline **1.38 mm**

Number of Positions **25**

Number of Rows **2**

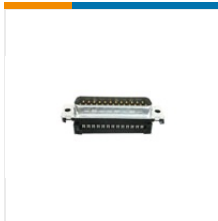
RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS



Connectors - IDC D-Sub Connectors
AMPLIMITE I HDF for Flat Ribbon Cable
25 POS HDF PLUG, MS, LEAD FREE - 1658613-2
TE INTERNAL NUMBER: 1658613-2
ALIAS ID: 1067816

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

Contact Size **20**


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
25 SHLDG ENCL PLUG, LEAD FREE - 1-747948-5
TE INTERNAL NUMBER: 1-747948-5

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Plug**

Shielded **Yes**

Number of Positions **25**

Number of Rows **2**

Preloaded **Yes**

