



PCB D-SUB CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
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↓ **3D PDF**

TE CONNECTIVITY (TE)

25 RCPT SP/FMS SCRLK

AMPLIMITE | FSM , SP

1-5745967-6

TE Internal Number: 1-5745967-6

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](#)

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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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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
	Female Screwlock Material	Zinc
	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	4.32 mm [.17 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	Female Screwlocks, Fixed
	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)	2.36 – 3.18 mm [.093 – .125 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tube
	Packaging Quantity	10

Product Compliance

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