

PCB D-SUB CONNECTORS



✓ Active

[PRODUCT DRAWING](#)

English

[3D PDF](#)

TE CONNECTIVITY (TE) 50 RCPT ACT PIN/MS(GRD SHLD) AMPLIMITE | Action Pin

5748443-2

TE Internal Number: 5748443-2

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (mm) **2.77**

Number of Positions **50**

Number of Rows **3**

Shell Size **5**

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 5, 50 POSITION, ACTION PIN, FRONT METAL SHELL AMPLIMITE HD-20

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF
PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Product Specifications

Product Specification

Connector, AMPLIMITE, ACTION PIN

PDF
English

Application Specification

AMPLIMITE HD-20 Connectors With ACTION PIN Contacts

PDF
English

Qualification Test Report

Connector, AMPLIMITE*, ACTION PIN*

TIF
English

Connector, AMPLIMITE*, ACTION PIN*

PDF
English

Instruction Sheets

Instruction Sheet (U.S.)

AMPLIMITE Connector HD-20 Shielded Cable Clamp Kits

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	5
	Profile	Standard
	PCB Mounting Orientation	Vertical
	Grounding Straps	Without
	Shell Type	Front Metal Shell
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
Configuration Features	Number of Positions	50
	Number of Rows	3
	Preloaded	Yes
Body Features	Plastic	No
	Female Screwlock Material	Zinc
	Color Code	None
	Shield Plating Material	Tin
	Shell Plating Material	Tin over Copper
	Shell Material	Carbon Steel
	Shield Material	Nickel
Contact Features	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness (μ in)	30
	Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
Termination Features	Termination Post Length	5.23 mm [.206 in]
	Grounding Clips	Without
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	With
	PCB Mount Retention Type	Action/Compliant Tail

PCB Mount Retention Type		Action/Compliant
Mating Connector Lock		With
Mating Connector Lock Type		Female Screwlocks, 4-40 UNC
Panel Mount Retention		Without
Mounting Hole Diameter		3.04 mm [.12 in]
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Housing Features	Centerline (mm)	2.77
	Housing Color	Black
	Housing Material	Nylon/Polyester
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Dimensions	PCB Thickness (Recommended)	1.57 mm [.062 in]
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Industry Standards	UL Flammability Rating	UL 94V-0
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Packaging Features	Packaging Method	Tray
	Packaging Quantity	56
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Other	Comment	With ground plane shield.
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Product Compliance	Statement of Compliance PDF	VIEW ALL PRODUCT COMPLIANCE

Products - 1 Results	View All	Compare 0/10
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Relationship	Relation Type	▼	See All Mating Products
Mating Products Used to identify Mating Parts		View All	<input checked="" type="checkbox"/>

