



PCB D-SUB CONNECTORS



TE CONNECTIVITY (TE) 50 RCPT RA/MS STD (SL) AMPLIMITE | Metal Shell

5747193-1
TE Internal Number: 5747193-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline (in) **.109**

Number of Positions **50**

Number of Rows **3**

Shell Size **5**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[RECEPTACLE ASSEMBLY, SIZE 5, 50 POSITION, RIGHT ANGLE, .545 SERIES, .025 SQ. POSTS, WITH SCREWLOCKS, AMPLIMITE HDP](#)
PDF
English

CAD Files

[Customer View Model](#)
3D_STP.ZIP
English

[Customer View Model](#)
2D_DXF.ZIP
English

[3D PDF](#)
PDF
3D

[Customer View Model](#)
3D_IGS.ZIP
English

Catalog Pages/Data Sheets

[AMPLIMITE Subminiature D Connectors - Right-Angle Posted Connectors](#)
PDF
English

Product Environmental Compliance

TE Material Declaration [MD_5747193-1_12052013555_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

5

	Profile	High
	PCB Mounting Orientation	Right Angle
	Grounding Straps	Without
	Shell Type	Full Metal Shell
	Footprint	13.84 mm [.545 in]
	Grounding Indents	Without
	Applies To	Printed Circuit Board
	Sealed	No
	Product Type	Connector
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Configuration Features	Number of Positions	50
	Number of Rows	3
	Preloaded	Yes
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Body Features	Plastic	No
	Female Screwlock Material	Steel
	Female Screwlock Plating Material	Zinc
	Color Code	None
	Shell Plating Material	Tin
	Insert Material	Thermoplastic
	Shell Material	Carbon Steel
	Post Size	.64 mm [.025 in]
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Contact Features	Contact Shape	Square
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Material	Gold Flash
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Termination Features	Termination Post Length	3.18 mm [.125 in]
	Grounding Clips	Without
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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, 4-40 UNC
	Panel Mount Retention	Without

Panel Mount Retention	without
Mounting Hole Diameter	3.05 mm [.12 in]

Housing Features	Centerline (in)	.109
	Housing Color	Black
	Housing Material	Nylon GF, PBT GF

Dimensions	PCB Thickness (Recommended)	2.36 mm [.093 in]
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Industry Standards	Insert Flammability Rating	UL 94V-0
	UL Flammability Rating	UL 94V-0





Packaging Features	Packaging Method	Tube
	Packaging Quantity	17

Other	Comment	All receptacles are preloaded with size 20 DF posted socket contacts
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Product Compliance [Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

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