

## PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

**25 MSFL RCPT RA 590L(IN,FM,BL)**

AMPLIMITE | Standard

5747830-4

TE Internal Number: 5747830-4

EU RoHS Compliant

EU ELV Compliant

**Connector Style** Receptacle

**Number of Positions** 25

**Centerline (Pitch) (in)** .108

**Number of Rows** 2

**Shell Size** 3

 **PRODUCT DRAWING**  
English

## DOCUMENTATION

Product Drawings

**RECEPTACLE ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .590 SERIES, .026 DIA POSTS, BOARDLOCKS, AMPLIMITE HD-20**

PDF [\(TIFF AVAILABLE\)](#)

English

## FEATURES

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



**Shell Type** Front Metal Shell  
**Connector Style** Receptacle  
**Shell Size** 3  
**Profile** Standard  
**PCB Mounting Orientation** Right Angle  
**Sealable** No  
**Connector & Contact Terminates To** Printed Circuit Board  
**Product Type** Connector  
**Footprint** 14.99 mm [.59 in]  
**Grounding Straps** With  
**Grounded** No  
**Grounding Indents** Without  
**Shielded** No

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#### Configuration Features

**Number of Positions** 25  
**Number of Rows** 2  
**Preloaded** Yes

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#### Body Features

**Insert Material** Zinc  
**Post Size** .66 mm [.026 in]  
**Shell Material** Carbon Steel  
**Plastic** No  
**Eyelet Plating Material** Tin  
**Eyelet Material** Brass  
**Shell Plating Material** Tin

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#### Contact Features

**Solder Tail Contact Plating Material** Tin over Nickel  
**Contact Shape** Round  
**Contact Mating Area Plating Material** Gold  
**Contact Mating Area Plating Thickness (µin)** 30  
**Contact Base Material** Phosphor Bronze

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#### Termination Features

**Grounding Clips** Without  
**Termination Post Length** 3.18 mm [.125 in]

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#### Mechanical Attachment

**Panel Mount Retention** Without  
**PCB Mounting Style** Through Hole  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Boardlocks  
**Mating Connector Lock** With  
**Mating Connector Lock Type** Threaded Inserts, 4-40 UNC  
**Mounting Hole Diameter** 3.18 mm [.125 in]  
**Boardlock Material** Copper Alloy  
**Threaded Insert Plating Material** Clear Chromate  
**Boardlock Plating Material** Tin  
**Threaded Insert Material** Zinc

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#### Housing Features

**Centerline (Pitch) (in) .108**

**Housing Color** Black

**Housing Material** Thermoplastic

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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 Quantity** 10

**Packaging Method** Tube

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## PRODUCT COMPLIANCE



Statement of Compliance

### **Statement of Compliance**

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