



# 5747840-3 Product Details



5747840-3



[Active](#)

## Standard Board Mount Connectors



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

### Product Highlights:

- Number of Positions = 9
- Plug
- PCB Mount Angle = Right Angle
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#) | [Find Similar Products](#)

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## Documentation & Additional Information

### Product Drawings:

- [PLUG ASSEMBLY, SIZE 1, 9 POS, RIGHT ANGLE, FRONT MET...](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

### CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)
- [Mating Products \(7\)](#)

[List all Documents](#)

**Product Features** (Please use the Product Drawing for all design activity)

**Product Type Features:**

- [Number of Positions](#) = 9
- [Gender](#) = Plug
- [PCB Mount Angle](#) = Right Angle
- [Product Series](#) = HD 20
- [Mating Connector Lock](#) = With
- [Mating Connector Lock Type](#) = Threaded Insert, 4-40 UNC
- [PCB Retention Feature](#) = Yes
- [Shell Type](#) = Front Metal Shell
- [Shell Size](#) = 1
- [Footprint \(mm \[in\]\)](#) = 8.08 [.318]
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 [1.57]
- [Grounding Indents](#) = With
- [Grounding Straps](#) = With
- [PCB Mount Style](#) = Thru Hole
- [Color Code](#) = None
- Sealed = No
- Profile = Standard
- Post Size (mm [in]) = 0.66 [.026]
- Mounting Hole Diameter (mm [in]) = 3.18 [.125]
- Shell Material = Steel
- Threaded Insert Material = Zinc
- Eyelet Material = Brass
- Comment = Plugs are preloaded with size 20 DF posted pin contacts

**Mechanical Attachment:**

- [Panel Attachment](#) = Without
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin over Nickel

**Termination Related Features:**

- [Grounding Clips](#) = Without
- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- [Solder Tail Contact Plating](#) = Tin over Nickel

**Body Related Features:**

- [PCB Retention Method](#) = Boardlock(s)
- Shell Plating = Tin
- Threaded Insert Plating = Clear Chromate
- Eyelet Plating = Tin over Copper Flash

**Contact Related Features:**

- [Contact Mating Area Plating](#) = Gold Flash
- Contact Shape = Round
- Contact Material = Brass

**Housing Related Features:**

- Housing Flammability Rating = UL 94V-0
- Housing Material = Thermoplastic

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

**Other:**

- Brand = AMP