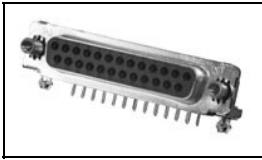


747845-3 Product Details



747845-3

TE Internal Number: 747845-3

 [Active](#)

 [View 3D PDF](#)

Standard Board Mount Connectors

[Not EU RoHS or ELV Compliant \(Find RoHS Compliant Alternates\)](#)

Product Highlights:

- 15 Positions
- Receptacle
- PCB Mount Angle = Right Angle
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, SIZE 2, 15 POSITION, RIGHT ANGL...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPLIMITE SUBMINATURE D TYPE CONNECTORS](#) (PDF, English)
- [PERSONAL SYSTEMS PRODUCTS](#) (PDF, English)

Product Specifications:

- [AMPLIMITE* HD-20 PCB Mounted Connector](#) (PDF, English)

Application Specifications:

- [AMPLIMITE Right-Angle Front Metal Shell Connectors](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(4\)](#)

[List all Documents](#)

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

Product Type Features:

- [Number of Positions](#) = 15
- [Gender](#) = Receptacle
- [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](#) = 2
- [Footprint \(mm \[in\]\)](#) = 8.08 [.318]
- [PCB Thickness \(in \[mm\]\)](#) = 0.062 [1.57]
- [Grounding Indents](#) = Without
- [Grounding Straps](#) = With
- [PCB Mount Style](#) = Through 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 = All receptacles are preloaded with size 20 DF posted socket contacts

Mechanical Attachment:

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

Termination Related Features:

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

Body Related Features:

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

Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold Flash
- Contact Shape = Round
- Contact Base Material = Phosphor Bronze

Housing Related Features:

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

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

Other:

- Brand = AMP