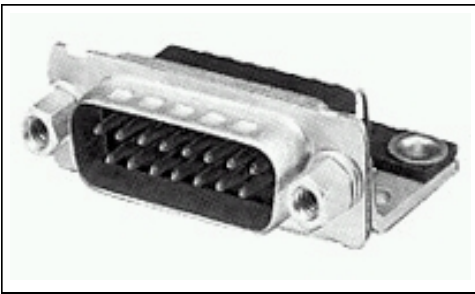


1658595 -1 Product Details

Live Product Chat US Only
8:30am - 5pm ET, Mon - Fri



1658595 -1

✓ [Active](#)

Standard Board Mount Connectors

[Always ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- ? Number of Positions = 50
- ? Plug
- ? PCB Mount Angle = Right Angle
- ? Product Series = HD 20
- ? With Mating Connector Lock

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

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(1\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? [PLUG ASSEMBLY, SIZE 5, 50 POSITION, RIGHT ANGLE, .54...](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? None Available

Application Specifications:

- ? None Available

Instruction Sheets:

- ? None Available

CAD Files:

- ? None Available

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)
- ? [Mating Products \(1\)](#)

[List all Documents](#)

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

Product Type Features:

- ? [Number of Positions](#) = 50
- ? [Gender](#) = Plug
- ? [PCB Mount Angle](#) = Right Angle
- ? [Product Series](#) = HD 20
- ? [Mating Connector Lock](#) = With
- ? [Mating Connector Lock Type](#) = Female Screwlocks, 4 -40 UNC
- ? [PCB Retention Feature](#) = Yes
- ? [Shell Type](#) = Full Metal
- ? [Shell Size](#) = 5
- ? [Footprint \(mm \[in\]\)](#) = 13.84 [.545]
- ? [PCB Thickness \(in \[mm\]\)](#) = 0.093 [2.36]
- ? [Grounding Indents](#) = With
- ? [Grounding Straps](#) = Without
- ? [PCB Mount Style](#) = Thru Hole
- ? [Color Code](#) = None
- ? Sealed = No
- ? Profile = High
- ? Post Size (mm [in]) = 0.64 [.025]
- ? Mounting Hole Diameter (mm [in]) = 3.05 [.120]
- ? Shell Material = Steel
- ? Comment = Plugs are preloaded with size 20 DF posted pin contacts

Mechanical Attachment:

- ? [Panel Attachment](#) = Without
- ? Female Screwlock Material = Steel
- ? Female Screwlock Plating = Zinc

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](#) = Mounting Holes
- ? Insert Flammability Rating = UL 94V -0
- ? Insert Material = Thermoplastic
- ? Shell Plating = Tin

Contact Related Features:

- ? [Contact Mating Area Plating](#) = Gold (30), Gold Flash over Palladium Nickel
- ? Contact Shape = Square
- ? Contact Material = Brass

Industry Standards:

- ? [RoHS/ELV Compliance](#) = 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 ELV compliant

Operation/Application:

- ? Application = Standard

Other:

- ? Brand = AMP