

5747193-2 Product Details



5747193-2

TE Internal Number: 5747193-2



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Standard Board Mount Connectors

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

Product Highlights:

- 50 Positions
- Connector Style = Receptacle
- PCB Mounting Orientation = Right Angle
- Product Series = HD 20
- With Mating Connector Lock

[View all Features](#)

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • RECEPTACLE ASSEMBLY, SIZE 5, 50 POSITION, RIGHT ANGL... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • AMPLIMITE Subminiature D Connectors - Right-Angle Po... (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version A) • 3D Model (IGES, Version A) • 3D Model (STEP, Version A) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling • Mating Products (1)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • PCB Mounting Orientation = Right Angle • Product Series = HD 20 • Mating Connector Lock = With • Mating Connector Lock Type = Female Screwlocks, 4-40 UNC • PCB Mount Retention = With • Shell Type = Full Metal • Shell Size = 5 • Footprint (mm [in]) = 13.84 [.545] • Grounding Indents = Without • Grounding Straps = Without • PCB Mount Style = Through 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 <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Panel Mount Retention = Without • Female Screwlock Material = Steel • Female Screwlock Plating = Zinc 	<p>Body Related Features:</p> <ul style="list-style-type: none"> • Number of Positions = 50 • PCB Mount Retention Type = Mounting Holes • Insert Flammability Rating = UL 94V-0 • Insert Material = Thermoplastic • Shell Plating = Tin <p>Contact Related Features:</p> <ul style="list-style-type: none"> • Contact Plating, Mating Area, Material = Gold (30) • Contact Shape = Square • Contact Base Material = Phosphor Bronze <p>Housing Related Features:</p> <ul style="list-style-type: none"> • Connector Style = Receptacle <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • PCB Thickness, Recommended (in [mm]) = 0.093 [2.36] <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application = Standard

Termination Related Features:

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

- Application = Standard

Other:

- Brand = AMP
- Comment = All receptacles are preloaded with size 20 DF posted socket contacts