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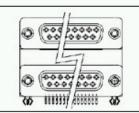
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5750820-2 Product Details



5750820-2

TE Internal Number: 5750820-2

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Stacked Connectors



Product Highlights:

- Connector Configuration [Upper Conn./Lower Conn.] = Same Series
- Connector Style = Receptacle over Receptacle Mating Connector Lock Type = Threaded Insert, 4-40
- Without Mating Alignment
- With PCB Mount Retention

View all Features





Documentation & Additional Information

Product Drawings:

RECEPTACLE ASSEMBLY, SHIELDED, 52 POSN STACKED RIGH... (PDF, English)

Catalog Pages/Data Sheets:

None Available

Product Specifications:

Application Specifications:

None Available

Instruction Sheets:

- Manual Arbor Frame Assembly 58024-1 (PDF, English)
- Manual Arbor Frame Assembly 91085-2 (PDF, English)
- Repair Tool 58430-1 for AMPLIMITE .050 Series Connectors (PDF, English)
- Hand Crimping Tool Frame Assembly 543344-1 (Used to ... (PDF, English)
- Installation and Use of Mass Termination Tooling (PDF, English)
- Tooling Kit (PDF, English)
- Die Holder Assemblies 58449-1, -2, and -3 (PDF, English)
- AMPLIMITE .050 Series Crimper Assembly 856684-1 (PDF, English)
- Die Assembly 90437-1 (PDF, English)

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version A)
- 3D Model (IGES, Version A)
- 3D Model (STEP, Version A)

<u>List all Documents</u>

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

Product Type Features:

- Mating Connector Lock Type = Threaded Insert, 4-40 UNC
- PCB Mount Retention = With
- Stacked Number of Positions [Upper Conn./Lower Conn.] = 26/26
- Shell Type = Full Metal Shell
- Product Series = Slimline
- Color Code = None
- Pin/Socket = Socket (Upper)/Socket (Lower)
- PCB Mounting Orientation = Right Angle
- Stacked Product Series [Upper Conn./Lower/ Conn.] = .50 Series / .50 Series
- Rear Contact Shield = With
- Shell Material = Steel
- Bracket Material = Zinc

Mechanical Attachment:

- Bracket Plating = Tin over Copper
- Boardlock Material = Copper Alloy
- Boardlock Plating = Tin

Termination Features:

- Termination Post Length (mm [in]) = 3.30 [0.130]
- Solder Tail Contact Plating = Tin over Nickel

Body Features:

- Connector Configuration [Upper Conn./Lower Conn.] = Same Series
- Centerline, Matrix (mm [in]) = 1.27 x 2.54 [.050 x .100]
- PCB Mount Retention Type = Boardlock(s)
- Shell Plating = Tin over Copper
- Shield Plating = Tin

Additional Information:

Product Line Information

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Contact Features:

- <u>Contact Plating</u>, <u>Mating Area</u>, <u>Material</u> = Gold Flash over Palladium Nickel or Gold (30) over Nickel
- Contact Base Material = Phosphor Bronze
- Contact Shield Material = Phosphor Bronze

Housing Features:

- Connector Style = Receptacle over Receptacle
- Mating Alignment = Without
- Housing Color = Black
- Housing Material = Thermoplastic GF
- UL Flammability Rating = UL 94V-0

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- <u>Lead Free Solder Processes</u> = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

• PCB Thickness, Recommended (mm [in]) = 2.36 [0.093]

Other:

Brand = AMP

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