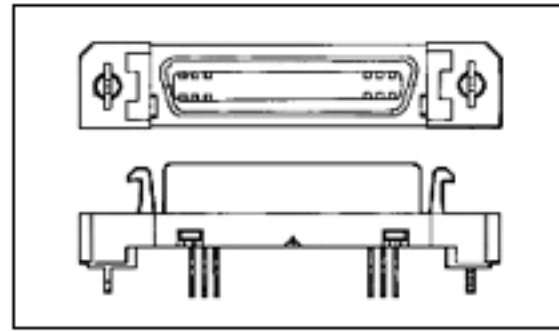


5175887-2 Product Details

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5175887-2

TE Internal Number: 5175887-2

Active

View 3D PDF

1.27 [.050] Series II and Series III Connectors

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

Product Highlights:

- Connector Style = Header - Receptacle
- 20 Positions
- Applies To Printed Circuit Board
- Vertical Mount Angle
- Without PCB Mount Retention

[View all Features](#)

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • REC HEADER ASSY, VERTICAL CHAMP .050 SERIES (II) STD... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <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 0) • 3D Model (IGES, Version 0) • 3D Model (STEP, Version 0) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling

[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"> • Mount Angle = Vertical • PCB Mount Retention = Without • Mating Connector Lock = Without • Product Series = Series II • Panel Thickness (mm [in]) = 2.01 [0.079] • Color = Black • Shell Material = Steel <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Panel Mount Retention = With <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Post Length (mm [in]) = 3.10 [0.122] • Solder Tail Contact Plating = Tin over Nickel <p>Body Features:</p> <ul style="list-style-type: none"> • Number of Positions = 20 • Centerline (mm [in]) = 1.27 [0.050] • Shell Plating = Nickel 	<p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Plating, Mating Area, Material = Gold (30) • Contact Base Material = Phosphor Bronze <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Header - Receptacle • Housing Material Temperature = Standard • Housing Material = Zinc Diecast, Thermoplastic - GF • UL Flammability Rating = UL 94V-0 <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"> • Applies To = Printed Circuit Board • PCB Thickness, Recommended (mm [in]) = 1.60 [0.063] <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP

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