

5-5102084-8 Product Details

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TE Internal Number: 5-5102084-8

Active

.100 inch AMPMODU Receptacles

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

Connector

Connector Type = Connector - Receptacle

Mod II

16 Positions

Number of Rows = Dual

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Documentation & Additional Information	
<div><div>Product Drawings:</div><div><div>None Available</div></div><div><div>Catalog Pages/Data Sheets:</div><div><div>AMPMODU INTERCONNECTION SYSTEM SECTION5 (PDF, English)</div></div></div><div><div>Product Specifications:</div><div><div>None Available</div></div></div><div><div>Application Specifications:</div><div><div>AMPMODU Mod II and Mod IV Printed Circuit Board Conn... (PDF, English)</div></div></div><div><div>Instruction Sheets:</div><div><div>None Available</div></div></div><div><div>CAD Files:</div><div><div>None Available</div></div></div></div> <div><div><div>List all Documents</div></div></div>	<div><div>Additional Information:</div><div><div>Product Line Information</div></div><div><div>Related Products:</div><div><div>Tooling</div></div></div></div>
Product Features (Please use the Product Drawing for all design activity)	
<div><div>Product Type Features:</div><div><div>Product Type = Connector</div><div>Connector Type = Connector - Receptacle</div><div>Connector Series = Mod II</div><div>Number of Positions = 16</div><div>Profile = Standard</div><div>Mount Angle = Right Angle</div><div>Mounting Pattern (mm [in]) = 2.54 x 7.87 [.100 x .310]</div><div>Sealed = No</div><div>Holddown Feature = Without</div><div>PCB Retention Feature = No</div><div>Closed Entry = With</div><div>Board Standoff = With</div><div>Comment = 6.50 [.256] minimum positive pin stop to prevent shorting between rows.; Tyco Electronics recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.</div></div><div><div>Mechanical Attachment:</div><div><div>Stackable = Yes</div></div><div><div>Electrical Characteristics:</div><div><div>Contact Current Rating (Amps.) = 2</div><div>Contact Resistance (m?) = 12</div><div>Insulation Resistance (M?) = 5,000</div><div>Dielectric Withstanding Voltage (V) = 750</div></div><div><div>Termination Related Features:</div><div><div>Termination Post Length (mm [in]) = 2.92 [0.115]</div><div>Solder Tail Contact Plating = Tin over Nickel</div></div><div><div>Body Related Features:</div><div><div>Number of Rows = Dual</div><div>Connector Height (mm [in]) = 6.05 [0.238]</div><div>Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]</div></div></div></div></div></div></div>	<div><div>Contact Related Features:</div><div><div>Contact Termination Type = Through Hole</div><div>Contact Plating, Mating Area, Material = Tin</div><div>Contact Base Material = Phosphor Bronze</div><div>Approved Standards = UL E28476, CSA LR7189</div><div>Contact Type = Short Point</div></div><div><div>Housing Related Features:</div><div><div>Housing Entry Style = Side</div><div>Housing Material = Polyester PCT</div><div>Housing Flammability Rating = UL 94V-0</div><div>Housing Color = Black</div></div><div><div>Industry Standards:</div><div><div>Government/Industry Qualification = No</div><div>RoHS/ELV Compliance = RoHS compliant, ELV compliant</div><div>Lead Free Solder Processes = Reflow solder capable to 245°C, Reflow solder capable to 260°C</div><div>RoHS/ELV Compliance History = Always was RoHS compliant</div></div><div><div>Conditions for Usage:</div><div><div>Operating Temperature (°C) = -55 – +125</div><div>High Temperature Compatible = Yes</div></div><div><div>Packaging Related Features:</div><div><div>Packaging Method = Gang of Tubes</div></div><div><div>Other:</div><div><div>Brand = AMP</div></div></div></div></div></div></div></div>

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