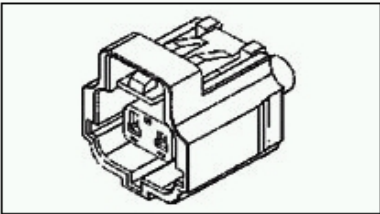


178390-1 Product Details

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178390-1

TE Internal Number: 178390-1

Active

View 3D PDF

Econoseal J Series [Mark II (+)]

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Econoseal J Product Line
- 070 Mark II Series
- Connector
- Wire-to-Wire
- Applies To Wire/Cable

View all Features

Quick Links

- Check Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

- Product Drawings:**
- EJ-II DBL LOCK 2Pos. PLUG ASS'Y (PDF, English)
- Catalog Pages/Data Sheets:**
- None Available
- Product Specifications:**
- AMP Econoseal -J Mark II= Sensor Connector (PDF, Japanese)
- Application Specifications:**
- Crimping of AMP-ECONOSEAL "J"-II, .070 and .250 Se... (PDF, English)
- Instruction Sheets:**
- AMP ECONOSEAL-J MARK II+ SENSOR CONNECTOR (PDF, English)
- CAD Files: (CAD Format & Compression Information)**
- 2D Drawing (DXF, Version A1)
 - 3D Model (IGES, Version A1)
 - 3D Model (STEP, Version A1)

List all Documents

- Additional Information:**
- Product Line Information
- Related Products:**
- Tooling

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

Product Type Features: - Product Line = Econoseal J - Series = 070 Mark II - Product Type = Connector - Connector Type = Housing - For Use With = .070 [1.78] Econoseal Mark II+ Contacts - Cable Type = Thin Wall - Sealed = Yes Mechanical Attachment: - Mating Retention Type = Latching - Keying = B - Panel Mount Retention = Without Termination Features: - Wire/Cable Size (AWG) = 16 - 20, 20 - 24 - Wire/Cable Size (mm²) = 0.2 - 0.5, 0.5 - 1.25 - Seal Type = Seal Ring Dimensions: - Profile Height (Y-Axis) (mm [in]) = 24.00 [0.9448] Body Features: - Number of Rows = 1 - Centerline (mm [in]) = 5.00 [0.197] - Number of Positions = 2 - Mating Retention = With - Seal Material = NBR (Nitrile Butadiene Rubber) - Seal Color = Black - Length (X-Axis) (mm [in]) = 27.50 [1.0827] - Width (Z-Axis) (mm [in]) = 22.00 [0.866]	Contact Features: - Contact Type = Socket Housing Features: - Connector Style = Plug - Housing Material = PBT - Housing Color = Light Gray - Mating Alignment = With - Mating Alignment Type = Keyed - UL Flammability Rating = UL 94V-2 Industry Standards: - RoHS/ELV Compliance = RoHS compliant, ELV compliant - Lead Free Solder Processes = Not relevant for lead free process - RoHS/ELV Compliance History = Always was RoHS compliant Environmental: - Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221] Conditions for Usage: - Applies To = Wire/Cable - Accepts Wire Insulation Diameter, Range (mm [in]) = 1.40 - 2.40 [0.055 - 0.094], 2.00 - 2.60 [0.079 - 0.102] Operation/Application: - Application Use = Wire-to-Wire Packaging Features: - Packaging Method = Bag - Packaging Quantity = 100 Other: - GET 0.64 Connector System = No - Brand = AMP
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