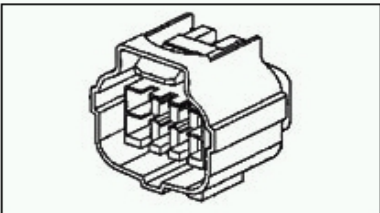


173891-2 Product Details

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173891-2

TE Internal Number: 173891-2

Active

Econoseal J Series [Mark II (+)]

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [13 pos plug assy econoseal j v](#) (PDF, Japanese)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [AMP-ECONOSEAL "J"-II Connector](#) (PDF, Japanese)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

Product Type Features:

- Product Line = Econoseal J
- Series = 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 = None
- 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]) = 31.60 [1.244]

Body Features:

- Number of Rows = 5 x 3
- Centerline (mm [in]) = 4.80 [0.1889]
- Row-to-Row Spacing (mm [in]) = 5.60 [0.220]
- Number of Positions = 13
- Mating Retention = With
- Seal Material = NBR (Nitrile Butadiene Rubber)
- Seal Color = Black
- Length (X-Axis) (mm [in]) = 24.60 [0.968]
- Width (Z-Axis) (mm [in]) = 33.40 [1.314]

Contact Features:

- Contact Type = Socket

Housing Features:

- Connector Style = Plug
- Housing Material = PBT
- Housing Color = Black
- 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 = Box
- Packaging Quantity = 100

Other:

- GET 0.64 Connector System = No
- Brand = AMP
- Comment = See drawing for centerline and row-to-row spacing.

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