



# 173091-2 Product Details

[Share](#) | [Print](#) | [Email](#)


**173091-2**

## Econoseal J Series [Mark II (+)]

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

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

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

TE Internal Number: 173091-2

Active

[View 3D PDF](#)
[Add to My Part List](#) | [Request Sample](#) | [Find Similar Products](#) | [Buy Product](#)

## Documentation & Additional Information

### Product Drawings:

- [JAPANESE](#) (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: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[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
- [Product Type](#) = Connector
- Connector Type = Housing
- Cable Type = Thin Wall
- Sealed = Yes

### Mechanical Attachment:

- Mating Retention Type = Latching
- Panel Mount Retention = Without

### Termination Features:

- Wire/Cable Size (AWG) = 16 - 20, 20 - 24
- Wire/Cable Size (mm<sup>2</sup>) = 0.2 - 0.5, 0.5 - 1.25
- Seal Type = Seal Ring

### Dimensions:

- Length (X-Axis) (mm [in]) = 28.60 [1.1259]
- Width (Z-Axis) (mm [in]) = 25.40 [1.000]
- Profile Height (Y-Axis) (mm [in]) = 17.30 [0.681]

### Body Features:

- Mating Retention = With
- Seal Material = NBR (Nitrile Butadiene Rubber)
- Seal Color = Black

### Contact Features:

- Contact Type = Socket

### Configuration Features:

- GET 0.64 Connector System = No
- Number of Rows = 1
- Number of Positions = 3

### 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
- UL Flammability Rating = UL 94V-2

### Identification Marking:

- Keying = None

### Environmental:

- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

### Conditions for Usage:

- Applies To = Wire/Cable
- For Use With = .070 [1.78] Econoseal Mark II+ Contacts
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.40 - 2.40 [0.055 - 0.094], 2.00 - 2.60 [0.078 - 0.102]

### Operation/Application:

- Application Use = Wire-to-Wire

### Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 100

Feedback

**Housing Features:**

- Connector Style = Plug
- Centerline (mm [in]) = 4.80 [0.1889]
- Housing Material = PBT - GF
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Keyed

**Other:**

- Series = 070
- Brand = AMP

**Corporate Information**

[About TE](#)  
[Investors](#)  
[News Room](#)  
[Supplier Portal](#)  
[Careers](#)  
[Terms & Conditions](#)  
[Privacy Policy](#)  
[AODA Accessibility Policy](#)  
[AODA Multi-Year Accessibility Plan](#)

**Quick Links**

[Distributor Inventory](#)  
[Product Cross Reference](#)  
[Documents & Drawings](#)  
[Product Compliance Support Center](#)  
[Site Map](#)

**Customer Support**

[Email or Chat With Us](#)  
[Find a Phone Number](#)  
[Knowledge Base](#)  
[Manage Your Account](#)

**Keep Me Informed**