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Part Number: [1728901710](#)
Status: **Active**
Overview: [MediSpec™ Product Family](#)
Description: [MediSpec™ Medical Plastic Circular Male Plug, Disposable, Key AA, 17 Circuits](#)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|--|
| Product Family | I/O Connectors |
| Series | 172890 |
| Application | Wire-to-Wire |
| Component Type | Plug |
| Overview | MediSpec™ Product Family |
| Product Name | MediSpec™ |
| Type | N/A |
| UPC | 889056432306 |

Physical

| | |
|--------------------------------|----------------------------|
| Circuits (Loaded) | 17 |
| Circuits (maximum) | 17 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10000 |
| Gender | Male |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Material - Plating Termination | Tin over Nickel |
| Material - Resin | Polycarbonate |
| Net Weight | 4.008/g |
| Orientation | Straight |
| Packaging Type | Bag, Embossed Tape on Reel |
| Panel Mount | N/A |
| Pitch - Mating Interface | N/A |
| Plating min - Mating | 0.127µm |
| Polarized to Mating Part | Yes |
| Temperature Range - Operating | -40°C to +105°C |
| Termination Interface: Style | Solder Cup |
| Waterproof / Dustproof | Yes |
| Waterproof / Dustproof Type | IP50 |

Electrical

| | |
|-------------------------------|---------------|
| Current - Maximum per Contact | 1.6A |
| Voltage - Maximum | 300V AC (RMS) |

Material Info

Reference - Drawing Numbers

| | |
|---------------|----------------|
| Sales Drawing | SD-172890-1710 |
|---------------|----------------|



Series image - Reference only

EU ELV

Not Reviewed

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Reviewed

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[172890 Series](#)

Mates With

[MediSpec™ Medical Plastic Circular Female Receptacle 172350-1710](#)

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