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**Part Number:** [1728900710](#)  
**Status:** **Active**  
**Overview:** [MediSpec™ Product Family](#)  
**Description:** [MediSpec™ Medical Plastic Circular Male Plug, Disposable, Key AA, 7 Circuits](#)

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">172890</a>
Application	Wire-to-Wire
Component Type	Plug
Overview	<a href="#">MediSpec™ Product Family</a>
Product Name	MediSpec™
Type	N/A
UPC	889056271189

**Physical**

Circuits (Loaded)	7
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	40.080/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-172890-0710
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[172890](#) Series

**Mates With**

[MediSpec™ Medical Plastic Circular Female Receptacle 172350-0710](#)