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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	172890
Application	Wire-to-Wire
Component Type	Plug
Overview	MediSpec™ Product Family
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	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-172890-0710
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

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
ELV

Green Image
Not Relevant

Search Parts in this Series

[172890](#) Series

Mates With

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