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**Part Number:** [1732500810](#)  
**Status:** **Active**  
**Overview:** [MediSpec Product Family](#)  
**Description:** MediSpec™ Medical Plastic Circular Plug, Disposable, Passive Latch, 8 Circuits, IP50

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">173250</a>
Application	Wire-to-Wire
Component Type	Plug
Overview	<a href="#">MediSpec Product Family</a>
Product Literature Order No	987651-1813
Product Name	MediSpec™ MPC
Type	N/A
UPC	191128156073

**Physical**

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin
Material - Resin	Medical Grade Polycarbonate
Net Weight	1.840/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	1732500810-SD-000
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**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](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[173250](#) Series

**Mates With**

MediSpec™ MPC Panel-Mount Receptacle [172860-0810](#) <br>MediSpec™ MPC In-Line Receptacle [203020-0810](#) <br>MediSpec™ MPC Shrouded In-Line Receptacle [202405-0810](#)