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**Part Number:** [1728600810](#)  
**Status:** **Active**  
**Overview:** MediSpec Product Family  
**Description:** MPC Receptacle, Panel Mount, with Latching Feature, 8 Circuits, IP50

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">172860</a>
Application	Panel-Mount, Wire-to-Wire
Comments	Positive latch if mated with standard plug; Passive latch if mated with disposable plug; Positive latch if mated with standard plug; Passive latch if mated with disposable plug
Component Type	Receptacle
Overview	<u>MediSpec Product Family</u>
Product Name	MPC
Type	N/A
UPC	191128156066

**Physical**

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	10000
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Medical Grade PPSU
Net Weight	6.220/g
Orientation	Straight
Packaging Type	Embossed Tape on Reel
Panel Mount	Front
Pitch - Mating Interface	N/A
Plating min - Mating	0.762µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° 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	1728600810-SD-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172860 Series](#)

**Mates With**

MPC Male [1728700810](#) <br>MPC Single-Use/Disposable Plug [1732500810](#)

This document was generated on 02/22/2020

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