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**Part Number:** [2024001710](#)  
**Status:** **Active**  
**Overview:** [MediSpec Product Family](#)  
**Description:** MPC Shrouded In-Line Receptacle, with Latching Feature, 17 Circuits, IP50

**Documents:**

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

**General**

Product Family	I/O Connectors
Series	<a href="#">202400</a>
Application	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	<a href="#">MediSpec Product Family</a>
Product Literature Order No	987651-1813
Product Name	MPC
Type	N/A
UPC	191128057882

**Physical**

Circuits (Loaded)	17
Circuits (maximum)	17
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 over Nickel
Material - Plating Termination	Tin
Material - Resin	Medical Grade PPSU
Net Weight	55.800/g
Orientation	Straight
Packaging Type	Embossed Tape on Reel
Panel Mount	N/A
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**

Engineering Number	2024001710-FCT
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**Reference - Drawing Numbers**

Sales Drawing	2024001710-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**

[202400 Series](#)

**Mates With**

MPC Plug [2021121710](#) <br>MPC Single-Use/Disposable Plug [2021131730](#)

This document was generated on 09/27/2019

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