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Part Number: [1728700810](#)
Status: **Active**
Overview: [MediSpec Product Family](#)
Description: MPC Plug, Positive Latch, 8 Circuits, IP50

Documents:

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

General

Product Family	I/O Connectors
Series	172870
Application	Wire-to-Wire
Component Type	Plug
Overview	MediSpec Product Family
Product Name	MPC
Type	N/A
UPC	191128156080

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	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Medical Grade PPSU
Net Weight	4.720/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

Reference - Drawing Numbers

Sales Drawing	1728700810-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

[172870 Series](#)

Mates With

MPC PanelMount Receptacle [1728600810](#)

MPC In-Line Receptacle [2030200810](#)

MPC Shrouded InLine Receptacle
[2024050810](#)

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