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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 |
|---------------|-------------------|



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](#)