

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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	202400
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	MediSpec Product Family
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
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
Reference - Drawing Numbers	
Sales Drawing	2024001710-SD-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

Green Image

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

Green Image

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

202400 Series

Mates With

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

This document was generated on 02/19/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[202400-1710](#)