

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **5008090010**
Status: **Active**
Overview: Mini-HMC Rectangular Industrial Connector System
Description: Mini-HMC Shielded Panel-Mount I/O Receptacle Shell, 40 Circuits, 8 Rows, Polarizing Key Type B

Documents:

[3D Model](#) [Product Specification PS-500810-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Application Specification AS-500811-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	500809
Application	Panel-Mount, Wire-to-Wire
Component Type	Panel Mount Shell
Overview	Mini-HMC Rectangular Industrial Connector System
Product Name	Mini-HMC
Taxonomy	I/O Connectors
Type	N/A
UPC	756054862568

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Durability (mating cycles max)	50
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Copper
Material - Resin	Polyester
Net Weight	70254.502/mg
Orientation	Vertical
PCB Locator	No
Packaging Type	Tray
Panel Mount	Screws
Pitch - Mating Interface	N/A
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	2.5A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-500811-001-001
Product Specification	PS-500810-001-001



EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(a)-I,6(b)-II

REACH SVHC

Not Reviewed

Halogen-Free

Status

Low-Halogen

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

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[500809](#) Series

Use With

[5008131000](#) , [561208428](#) , [561208528](#) , [561218428](#) , [561218 528](#)

This document was generated on 08/26/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION