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Part Number: **5008100000**
Status: **Active**
Overview: Mini-HMC™ Rectangular Industrial Connector System
Description: Mini-HMC Shielded I/O Plug Shell, 40 Circuits, 8 Rows, Polarizing Key Type A

Documents:

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

General

Product Family	I/O Connectors
Series	500810
Application	Panel-Mount, Wire-to-Wire
Component Type	Panel Mount Shell
Overview	Mini-HMC™ Rectangular Industrial Connector System
Product Name	Mini-HMC
Type	N/A
UPC	756054862582

Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Durability (mating cycles max)	50
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Copper
Material - Resin	Polyester
Net Weight	26874.500/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)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1.5A, 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
Sales Drawing	SD-500810-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/108/2014 (17 Dec
2014)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Reviewed

Search Parts in this Series

[500810 Series](#)

Mates With

Mini-HMC Shielded Panel-Mount I/O
Receptacle Shell [500809-0000](#)

Use With

[500811-0010](#) Cover, [500812-1000](#) Plug
Housing, [56118](#) Plug Terminal, [56119](#) Plug
Terminal

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