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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

China RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

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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