molex



Part Number : 5008100000
Product Description : Mini-HMC Shielded I/O Plug Shell, 40 Circuits, 8 Rows, Polarizing Key Type A
Series Number : 500810
Status : Obsolete
Product Category : I/O Connectors

Obsolete

Documents and Resources

Drawings

5008100000_sd.pdf

5008100000_stp.zip

Specifications

AS-500811-001-001.pdf

PS-500810-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active SCIP:e26ed824-ff27-460b-82c9-2fc97ea22ab7
EU RoHS	Product not active

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	I/O Connectors
Series	500810
Description	Mini-HMC Shielded I/O Plug Shell, 40 Circuits, 8 Rows, Polarizing Key Type A
Application	Panel-Mount, Wire-to-Wire
Component Type	Panel Mount Shell
Product Name	Mini-HMC
Type	N/A
UPC	756054862582

Electrical

Current - Maximum per Contact	1.5A, 2.5A
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	250V AC (RMS)/DC

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

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Material - Resin	Polyester
Net Weight	26874.500/mg
Orientation	Vertical
Packaging Type	Tray
Panel Mount	Screws
PCB Locator	No
Pitch - Mating Interface	N/A
Plating min - Mating	0.508µm
Plating min - Termination	0.508µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-HMC Shielded Panel-Mount I/O Receptacle Shell, 40 Circuits, 8 Rows, Polarizing Key Type A	5008090000

Use with Part(s)

Description	Part Number
Mini-HMC Rectangular Industrial Wire-to-Wire Cover, 40 Circuits, for Plug	5008110010
CRC Signal Male Terminals	56118
CRC Signal Male Terminals	56119

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