Part Number : 1042126411
Product Description : MOX HBC Hybrid Header, Right-Angle, Tin Plating, 64 Circuits
Series Number : 104212
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

1042126411_sd.pdf

Specifications

PK-104212-001-001.pdf

PS-104212-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

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	Active
Category	PCB Headers and Receptacles
Series	104212
Description	MOX HBC Hybrid Header, Right-Angle, Tin Plating, 64 Circuits
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	MOX HBC
UPC	887191645964

Electrical

Current - Maximum per Contact	10.0A, 5.0A
Voltage - Maximum	13V DC (RMS)

Physical

Breakaway	No
Circuits (Loaded)	64
Circuits (maximum)	64
Color - Resin	Black
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	PBT

Net Weight	21.219/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.30mm
Pitch - Mating Interface	2.50mm, 2.95mm, 3.40mm
Pitch - Termination Interface	2.50mm, 2.95mm, 3.40mm
Plating min - Mating	1.524µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
MOX HBC Receptacle Housing with TPA, 20 Circuits, Black	1042132011
MOX HBC Receptacle Housing with TPA, 22 Circuits, Gray	1042132211
MOX HBC Receptacle Housing with TPA, 22 Circuits, Brown	1042132221