



Part Number : 1042126411

Series Number : 104212

Product Category : PCB Headers and Receptacles

Product Description : MOX HBC Hybrid Header, Right-Angle, Tin Plating, 64 Circuits

Status : Active

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(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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 Family | MOX Products |
| 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 |
| PC Tail Length | 3.30mm |
| PCB Thickness - Recommended | 1.60mm |
| 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 | <u>1042132011</u> |
| MOX HBC Receptacle Housing with TPA, 22 Circuits, Gray | <u>1042132211</u> |
| MOX HBC Receptacle Housing with TPA, 22 Circuits, Brown | <u>1042132221</u> |