



Part Number : [1202480022](#)

Product Description : MPIS Micro-Change (M12) Passive Junction Box, Top-Mount, 8 Ports, LED for PNP Sensor, WSOR Cable, 5.0m Length

Series Number : 120248

Status : Active

Product Category : Passive Distribution Boxes

Engineering Number : BTB800P-FBW-05



Documents & Resources

Drawings

[1202480022_sd.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains Lead; Triphenyl-phosphate per D(2024)7663-DC (21 Jan 2025) |
| 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 | Passive Distribution Boxes |
| Series | 120248 |
| Description | MPIS Micro-Change (M12) Passive Junction Box, Top-Mount, 8 Ports, LED for PNP Sensor, WSOR Cable, 5.0m Length |
| IP Rating | IP67 |
| Product Name | MPIS |
| UPC | 889056140829 |

Agency

| | |
|----|---------|
| UL | E152210 |
|----|---------|

Electrical

| | |
|-------------------------------|---------------------------------|
| Current - Maximum per Contact | 12.0A per module, 4.0A per port |
| Functional Wiring | PNP |
| Voltage - Maximum | 10-30V DC |
| Wiring Configuration | Single I/O per Port |

Physical

| | |
|-----------------------------|-------------|
| Bus I/O | N/A |
| Cable Connector Orientation | Straight |
| Cable Length | 5.0m |
| Home Run Cable Length | 5.0m |
| Home Run Connector | N/A |
| Home Run Interface | Pigtail |
| Keyway | A-Coded |
| LED Indicator | PNP Sensors |
| Material - Cable Jacket | TPU |

| | |
|-------------------------------|----------------|
| Material - Housing | PBT |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Net Weight | 795.420/g |
| Orientation | Top-Mount |
| Poles | 4 |
| Poles (wired) | 4 |
| Ports | 4 |
| Temperature Range - Operating | -25°C to +85°C |
| Wire/Cable Type | WSOR |

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