



**Part Number :** [1202480066](#)  
**Product Description :** MPIS Micro-Change (M12)  
Passive Junction Box, Top-Mount, 8 Ports, LEDs for 2  
PNP Sensors, 2 (IO) per port, with Integral M23 (19-  
Pole) Home Run Connector  
**Series Number :** 120248  
**Status :** Active  
**Product Category :** Passive Distribution Boxes  
**Engineering Number :** BTB803P-FBC



## Documents & Resources

### Drawings

[1202480066\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Contains Lead; Triphenyl-<br>phosphate per D(2024)6225-DC (07<br>Nov 2024)                                   |
| EU RoHS            | Compliant with Exemption 6(c) per<br>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

#### UKCA - Declaration of Conformity

#### CE - Declaration of Conformity

## Part Details

### General

|              |                                                                                                                                                           |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                    |
| Category     | Passive Distribution Boxes                                                                                                                                |
| Series       | 120248                                                                                                                                                    |
| Description  | MPIS Micro-Change (M12) Passive Junction Box, Top-Mount, 8 Ports, LEDs for 2 PNP Sensors, 2 (IO) per port, with Integral M23 (19-Pole) Home Run Connector |
| IP Rating    | IP67, IP68                                                                                                                                                |
| Product Name | MPIS                                                                                                                                                      |
| UPC          | 889056154710                                                                                                                                              |

### Agency

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

### Electrical

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

### Physical

|                             |     |
|-----------------------------|-----|
| Bus I/O                     | N/A |
| Cable Connector Orientation | N/A |

|                               |                      |
|-------------------------------|----------------------|
| Home Run Cable Length         | N/A                  |
| Home Run Connector            | M23 - 19 pole        |
| Home Run Interface            | Integrated Connector |
| Keyway                        | A-Coded              |
| LED Indicator                 | PNP Sensors          |
| Material - Cable Jacket       | N/A                  |
| Material - Housing            | PBT                  |
| Material - Metal              | Copper Alloy         |
| Material - Plating Mating     | Gold                 |
| Net Weight                    | 289.000/g            |
| Orientation                   | Top-Mount            |
| Poles                         | 5                    |
| Poles (wired)                 | 5                    |
| Ports                         | 8                    |
| Temperature Range - Operating | -25°C to +85°C       |
| Wire/Cable Type               | WSOR                 |

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