



**Part Number :** [1202480031](#)

**Product Description :** MPIS Micro-Change (M12) Passive Junction Box, Top-Mount, 4 Ports, LEDs for 2 PNP Sensors, 2 (IO) per port, WSOR Cable, 5.0m Length

**Series Number :** 120248

**Status :** Active

**Product Category :** Passive Distribution Boxes

**Engineering Number :** BTB405P-FBW-05



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## Documents & Resources


### Drawings

[1202480031\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

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

## Part Details

### General

Status	Active
Category	Passive Distribution Boxes
Series	120248
Description	MPIS Micro-Change (M12) Passive Junction Box, Top-Mount, 4 Ports, LEDs for 2 PNP Sensors, 2 (IO) per port, WSOR Cable, 5.0m Length
IP Rating	IP67, IP68
Product Name	MPIS
UPC	889056140881

### Agency

UL	E152210
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### 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	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	717.000/g
Orientation	Top-Mount
Poles	5
Poles (wired)	5
Ports	4
Temperature Range - Operating	-25°C to +85°C
Wire/Cable Type	WSOR

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