



**Part Number :** [1202480033](#)  
**Product Description :** MPIS Micro-Change (M12) Passive Junction Box, Top-Mount, 4 Ports, LEDs for 2 PNP Sensors, 2 (IO) per port, WSOR Cable, 15.0m Length  
**Series Number :** 120248  
**Status :** Active  
**Product Category :** Passive Distribution Boxes  
**Engineering Number :** BTB405P-FBW-15




Documents & Resources

**Drawings**  
[Drawing 1202480033\\_sd.pdf](#)

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 per D(2022)9120-DC (17 Jan 2023)
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
- chemSHERPA (xml)

## 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, 15.0m Length
IP Rating	IP67, IP68
Product Family	Brad Passive-Signal and Safety MPIS Boxes
Product Name	MPIS
UPC	889056140904

### 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	15.0m
Home Run Cable Length	15.0m
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	1768.600/g
Orientation	Top-Mount
Poles	5
Poles (wired)	5
Ports	4
Temperature Range - Operating	-25°C to +85°C
Wire/Cable Type	WSOR