

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1202480031](#)  
**Status:** **Active**  
**Overview:** Brad Passive-Signal and Safety MPIS Boxes  
**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

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E152210

**General**

Product Family Passive Distribution Boxes  
 Series [120248](#)  
 IP Rating IP67, IP68  
 Overview [Brad Passive-Signal and Safety MPIS Boxes](#)  
 Product Name MPIS  
 Taxonomy Passive Distribution Boxes  
 UPC 889056140881

**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 734.488/g  
 Orientation Top-Mount  
 Poles 5  
 Poles (wired) 5  
 Ports 4  
 Temperature Range - Operating -25°C to +85°C  
 Wire/Cable Type WSOR  
 Wiring Configuration Dual I/O per Port

**Electrical**

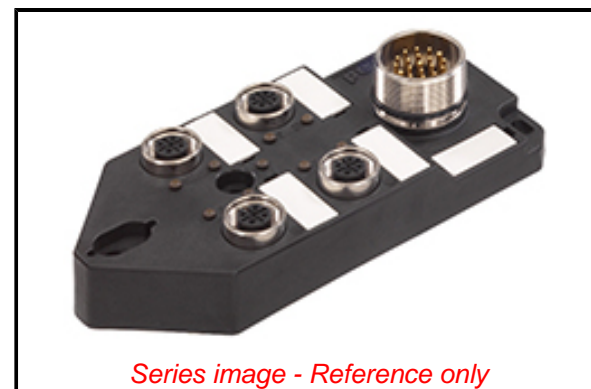
Current - Maximum per Contact 12.0A per module, 4.0A per port  
 Functional Wiring Dual-in PNP  
 Voltage - Maximum 10-30V DC

**Material Info**

Engineering Number BTB405P-FBW-05

**Reference - Drawing Numbers**

Sales Drawing 1202480028-000



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Not Contained Per - D(2021)10043-DC (17 Jan 2022)

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

ZZCERT\_CE -

CER\_4000380999\_00\_000.pdf

Declaration of

Conformity

ZZCERT\_UKCA

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- Declaration of

Conformity

**Search Parts in this Series**

[120248 Series](#)