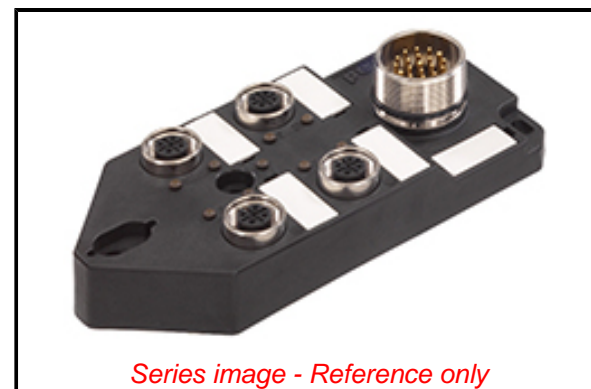


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1202480028](#)  
**Status:** **Active**  
**Overview:** Brad® Passive-Signal and Safety MPIS Boxes  
**Description:** MPIS® Micro-Change® (M12) Passive Junction Box, Top Mount, 4 Ports, no LEDs, 2 (IO) per port, WSOR Cable, 5.0m Length  
**Replacement Part Number:** <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=1201140042120114-0042>

**Documents:**

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



*Series image - Reference only*

**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®  
 Replacement Part Number [120114-0042](#)  
 UPC 889056140850

**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 No  
 Material - Cable Jacket TPU  
 Material - Housing PBT  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 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 N/A  
 Voltage - Maximum 10-30V DC

**Material Info**

Engineering Number BTB4050-FBW-05

**Reference - Drawing Numbers**

Sales Drawing 1202480028-000

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Not Reviewed
ELV	Not Reviewed
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**

[120248 Series](#)

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