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**Part Number:** [120114-0095](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® Molded Junction Box, Top Mount, 8 Ports, LEDs for NPN sensors, 2

**Documents:**

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

**Agency Certification**

CSA LR6837  
UL E152210

**General**

Product Family Passive Distribution Boxes  
Series [120114](#)  
Comments NPN SENSORS  
IP Rating IP68  
NEMA Rating NEMA 6  
Overview [Brad® Micro-Change® \(M12\) Connectors](#)  
Product Name Micro-Change® (M12)

**Physical**

Bus I/O Micro-Change® (M12)  
Cable Connector Orientation Straight  
Cable Length 5.0m  
Home Run Cable Length 5.0m  
Home Run Connector Mini-Change® - 19 pole  
Home Run Interface Integrated Connector  
Keyway Single  
LED Indicator Yes  
Material - Cable Jacket PUR  
Material - Housing PBT  
Material - Metal Copper Alloy  
Material - Plating Mating Gold over Nickel  
Orientation Top Mount  
Poles 5  
Poles (wired) 5  
Ports 8  
Temperature Range - Operating -5°C to +90°C  
Wiring Configuration Dual I/O per Port

**Electrical**

Current - Maximum per Contact 12A per module, 4A per port  
Functional Wiring Parallel  
Voltage - Maximum 10-30V DC

**Material Info**

Old Part Number BTY812N-FBP-05  
UPC 78678855850

**Reference - Drawing Numbers**

Sales Drawing SD-120114-088

**EU RoHS** **China RoHS**

**Compliance Status**

**Not Reviewed**

**REACH SVHC**

**Not Reviewed**

**Low-Halogen Status**

**Not Reviewed**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

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[120114Series](#)