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**Part Number:** 120114-8023

**Status:** Active

**Overview:** Brad® Micro-Change® (M12) Connectors

**Description:** Micro-Change® (M12) Molded Junction Box, Top Mount, 4 Poles/8 Ports, LEDs for PNP sensors, with Molded PUR Cable, 10.0m Length

**Documents:**

| | |
|---|---|
| Drawing (PDF) | Packaging Specification 1922-00000-00006 (PDF) |
| Product Specification PS-120005-001 (PDF) | RoHS Certificate of Compliance (PDF) |

*Series*
*image - Reference only*

## General

| | |
|---|---|
| Product Family | Passive Distribution Boxes |
| Series | 120114 |
| IP Rating | IP68 |
| NEMA Rating | NEMA 6 |
| Overview | Brad® Micro-Change® (M12) Connectors |
| Product Name | Micro-Change® (M12) |
| UPC | 883906408138 |

## Physical

| | |
|---|---|
| Bus I/O | Micro-Change® (M12) |
| Cable Connector Orientation | Straight |
| Cable Length | 10.0m |
| Home Run Cable Length | 10.0m |
| Home Run Connector | N/A |
| Home Run Interface | N/A |
| Keyway | Single |
| LED Indicator | Yes |
| Material - Cable Jacket | PUR |
| Material - Housing | PBT |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold over Nickel |
| Net Weight | 1675.880/g |
| Orientation | Top Mount |
| Poles | 4 |
| Poles (wired) | 4 |
| Ports | 8 |
| Temperature Range - Operating | -5°C to +90°C |
| Wiring Configuration | Single I/O per Port |

## Electrical

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

## Material Info

| | |
|---|---|
| Old Part Number | BTY800P-FBP-10 |

## Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | 1922-00000-00006 |
| Product Specification | PS-120005-001 |
| Sales Drawing | SD-120005-011 |

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

**RoHS Compliant by Exemption**

**REACH SVHC**
Not Reviewed

**Low-Halogen Status**
**Not Low-Halogen**

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

Email 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.

**Search Parts in this Series**
120114Series

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