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**Part Number:** [120114-8027](#)  
**Status:** **Active**  
**Overview:** Brad® Ultra-Lock® Connection System  
**Description:** Ultra-Lock® (M12) Molded Junction Box, Top Mount, 8 Ports, 2

**Documents:**

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

**General**

Product Family	Passive Distribution Boxes
Series	<a href="#">120114</a>
IP Rating	IP68
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Ultra-Lock® Connection System</a>
Product Name	Ultra-Lock® (M12) Dist Boxes
UPC	883906492298

**Physical**

Bus I/O	Ultra-Lock® (M12)
Cable Connector Orientation	Straight
Cable Length	10.0m
Home Run Cable Length	10.0m
Home Run Connector	N/A
Home Run Interface	Pigtail
Keyway	Single
LED Indicator	No
Material - Cable Jacket	PUR
Material - Housing	PBT
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Net Weight	1536.240/g
Orientation	Top Mount
Poles	5
Poles (wired)	5
Ports	8
Temperature Range - Operating	-25°C to +90°C
Wiring Configuration	Dual I/O per Port

**Electrical**

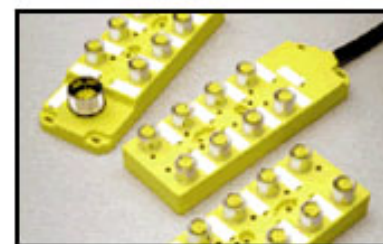
Current - Maximum per Contact	12A per module, 4A per port
Functional Wiring	Parallel
Voltage - Maximum	10-30V DC

**Material Info**

Old Part Number	BKY8050-FBP-10
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**Reference - Drawing Numbers**

Sales Drawing	SD-120114-079
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*image - Reference only*

*Series*

**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC Not Reviewed**  
**Low-Halogen Status Not Reviewed**

**China RoHS**



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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