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**Part Number:** [120070-0056](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (M12) US Single Keyway Receptacle, 1/4" - 18NPT Threads, Straight Female, 3 Poles, Length 0.305m

**Documents:**

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

**Agency Certification**

CSA LR6837  
 UL E152210

**General**

Product Family Industrial Receptacles  
 Series [120070](#)  
 IP Rating IP67  
 NEMA Rating NEMA 6  
 Overview [Brad® Micro-Change® \(M12\) Connectors](#)  
 Product Name Micro-Change® (M12)  
 Type Single Ended (pigtail)  
 UPC 78678824044

**Physical**

Coupling Type Internal Thread  
 Gender Female  
 Keyway Single  
 Length 0.305m  
 Material - Component Gray Anodized Aluminum  
 Mounting Thread Size 1/4" - 18 NPT  
 Net Weight 51.390g  
 Orientation Straight  
 Panel Mount Front  
 Poles 3  
 Temperature Range - Operating -20°C to +80°C  
 Wire Size AWG 22  
 Wire/Cable Type UL 1061

**Electrical**

Current - Maximum per Contact 4A  
 Voltage - Maximum 250V

**Material Info**

Old Part Number 8R3A00A18A120

**Reference - Drawing Numbers**

Sales Drawing SD-120070-056

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Not Reviewed**  
**Low-Halogen Status**  
**Not Reviewed**

**China RoHS**



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