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**Part Number:** **120075-0016**  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (M12) Dual Keyway with PG7 Cable Fitting, 90° Angle Female, 3 Poles, Cable Diameter 3.30 - 6.60mm

**Documents:**

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

**General**

Product Family	Field Attachable / Accessories
Series	<u>120075</u>
IP Rating	IP67
Overview	<u>Brad® Micro-Change® (M12) Connectors</u>
Product Name	Micro-Change® (1/2" - 20 UNF)
Type	Field Attachable Connector
UPC	78678830717

**Physical**

Cable Diameter	3.30-6.60mm (.130-.260")
Coupling Type	Internal Thread
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Female
Keyway	Dual
Material - Connector Body	PA
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold over Nickel
Orientation	90° Angle
Poles	3
Temperature Range - Operating	-25°C to +90°C
Wire Size AWG	18

**Electrical**

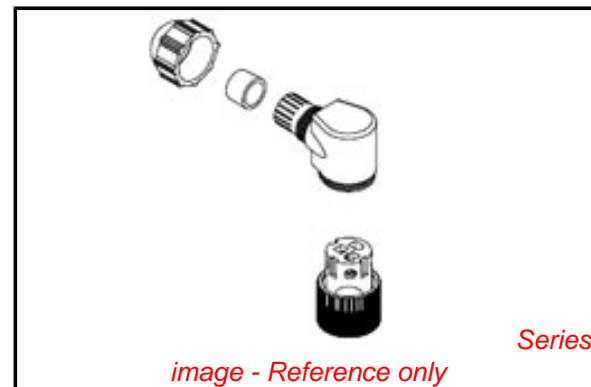
Current - Maximum per Contact	4A
Voltage - Maximum	250V AC / 300V DC

**Material Info**

Old Part Number	7A3001-31
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**Reference - Drawing Numbers**

Sales Drawing	SD-120075-002
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**EU RoHS**

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

**China RoHS**



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120075Series