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**Part Number:** [120072-1010](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (1/2"-20 UNF) Single-Ended Cordset, 5 Poles, Male (90°) to Pigtail, 5-22 AWG PVC Cable, 1.83m Length

**Documents:**

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

**General**

Product Family	Industrial Cordsets
Series	<a href="#">120072</a>
Connector End A	Micro-Change® (1/2" - 20 UNF)
Connector End B	Pigtail
IP Rating	IP67
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Micro-Change® (M12) Connectors</a>
Product Name	Micro-Change® (1/2" - 20 UNF)
Type	Single Ended
UPC	78172506730

**Physical**

Cable Diameter	7.16mm (.282")
Cable Length	1.83m
Color - Cable Jacket	Yellow
Coupling Style	Threaded
Gender	Male-Pigtail
Keyway	Dual
LED Indicator	No
Material - Cable Jacket	PVC
Material - Connector Body	PVC
Material - Contact	Copper Alloy
Material - Coupling Nut	Black Epoxy Coated Zinc
Material - O-Ring	Nitrile Rubber
Material - Plating Mating	Gold over Nickel
Orientation	90° Angle
Poles	5
Temperature Range - Operating	-20°C to +105°C
Wire Size AWG	18
Wire/Cable Type	UL 2464

**Electrical**

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

**Material Info**

Old Part Number	705007A03F060
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**Reference - Drawing Numbers**

Sales Drawing	SD-120072-018
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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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[120072Series](#)