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**Part Number:** [120083-5010](#)  
**Status:** **Active**  
**Overview:** Brad® Ultra-Lock® Connection System  
**Description:** Micro-Change® (M12) Single-Ended Cordset, 12 Poles, Female (Straight) to Pigtail, PUR Cable, 2.0m Length Shielded

**Documents:**

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

**General**

Product Family	Industrial Cordsets
Series	<a href="#">120083</a>
Connector End A	Ultra-Lock® (M12)
Connector End B	Pigtail
IP Rating	IP68
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Ultra-Lock® Connection System</a>
Product Name	Ultra-Lock® (M12)
Type	Single Ended
UPC	883906540777

**Physical**

Cable Diameter	6.50mm (.256")
Cable Length	2.0m
Color - Cable Jacket	Black
Coupling Style	Push to Lock
Gender	Female-Pigtail
Keyway	Single
LED Indicator	No
Material - Cable Jacket	PUR
Material - Connector Body	PUR
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Viton
Material - Plating Mating	Gold over Nickel
Net Weight	127.720/g
Orientation	Straight
Poles	12
Temperature Range - Operating	-25°C to +80°C
Wire Size AWG	26
Wire/Cable Type	UL 20549

**Electrical**

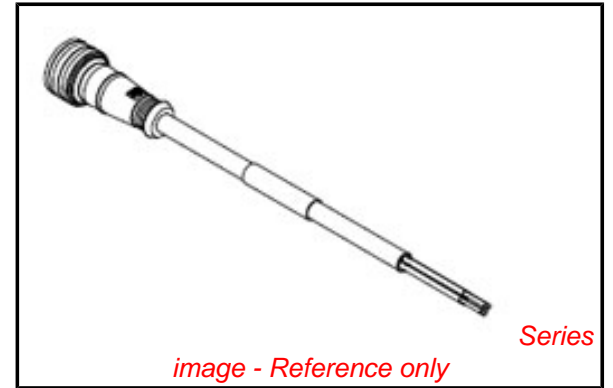
Current - Maximum per Contact	1.5A
Voltage - Maximum	30V AC/DC

**Material Info**

Old Part Number	W0CS00P45M020
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**Reference - Drawing Numbers**

Sales Drawing	SD-W0CS00P45MXXX
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*image - Reference only*

**EU RoHS**

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

**China RoHS**



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**Search Parts in this Series**

[120083Series](#)