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**Part Number:** [120084-5002](#)  
**Status:** **Active**  
**Overview:** Brad® Ultra-Lock® Connection System  
**Description:** Ultra-Lock® (M12) Front Panel Mount Receptacle, 8 Poles, Straight Female to Pigtail, M 16x1.5 Threads, 1.0m Length

**Documents:**

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

**General**

Product Family	Industrial Receptacles
Series	<a href="#">120084</a>
IP Rating	IP69K
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Ultra-Lock® Connection System</a>
Product Name	Ultra-Lock® (M12)
Type	Single Ended (pigtail)
UPC	883906269418

**Physical**

Coupling Type	Internal Thread
Gender	Female
Keyway	Single
Length	1.0m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M16 x 1.5
Net Weight	46.500/g
Orientation	Straight
Panel Mount	Front
Poles	8
Temperature Range - Operating	-25°C to +90°C
Wire Size AWG	24
Wire/Cable Type	Leads, UL 1061

**Electrical**

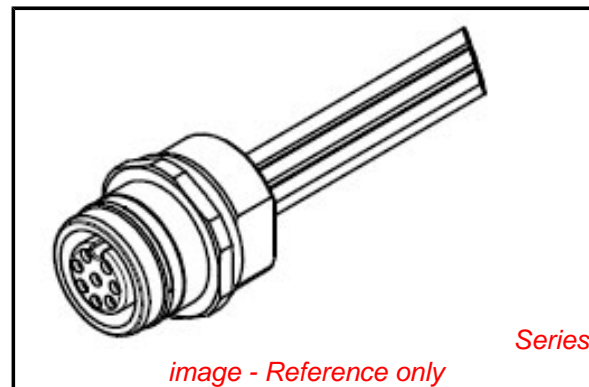
Current - Maximum per Contact	2A
Voltage - Maximum	30V AC / 36V DC

**Material Info**

Old Part Number	WR8U20E02M010
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**Reference - Drawing Numbers**

Sales Drawing	SD-120084-019
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*image - Reference only*

**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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[120084Series](#)