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**Part Number:** [0848649003](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® (M12) Connectors  
**Description:** Micro-Change® (M12) Receptacle, 5 Poles, Right Angle, Male without Leads, PC Mount, 0.0279m (1.10") Length, meets NMEA 2000®

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-120070-001 \(PDF\)](#)  
[Product Specification PS-120070-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Industrial Receptacles
Series	<a href="#">84864</a>
IP Rating	IP67
Overview	<a href="#">Brad® Micro-Change® (M12) Connectors</a>
Product Name	Micro-Change® (M12)
Type	PCB Mount
UPC	822350927550

**Physical**

Coupling Type	External Thread
Gender	Male
Keyway	Single
Length	0.0279m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M12 x 1.0
Orientation	90° Angle
Panel Mount	Back, Front
Poles	5
Temperature Range - Operating	-20°C to +80°C
Wire Size AWG	22
Wire/Cable Type	N/A

**Electrical**

Current - Maximum per Contact	4.0A
Voltage - Maximum	300V

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-120070-001
Product Specification	PS-120070-001-001
Sales Drawing	SD-84864-003



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[84864 Series](#)

**Mates With**

[84854 DeviceNet Micro-C™ Female](#)