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**Part Number:** [0848649006](#)  
**Status:** **Active**  
**Overview:** Brad Micro-Change (M12) Connectors  
**Description:** Micro-Change (M12) Receptacle, 5 Poles, Right-Angle Female without Leads, 0.0312m (1.23") Length, meets NMEA 2000®

**Documents:**

[Drawing \(PDF\)](#)      [Packaging Specification PK-120070-001-001 \(PDF\)](#)  
[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	822350927574

**Physical**

Coupling Type	Internal Thread
Gender	Female
Keyway	Single
Length	0.0312m
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° 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-freeProcess Capability	N/A
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**Material Info**

Engineering Number	NMEA-8R5L510005
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**Reference - Drawing Numbers**

Packaging Specification	PK-120070-001-001
Product Specification	PS-120070-001-001
Sales Drawing	SD-84864-006-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

**China RoHS**

**Search Parts in this Series**

[84864 Series](#)

**Mates With**

[84854 DeviceNet Micro-C Male](#)