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**Part Number:** [0848649005](#)  
**Status:** **Active**  
**Overview:** Brad Micro-Change (M12) Connectors  
**Description:** Micro-Change (M12) Receptacle, 5 Poles, Female (Straight) 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      [84864](#)  
IP Rating      IP67  
Overview      [Brad Micro-Change \(M12\) Connectors](#)  
Product Name      Micro-Change (M12)  
Type      PCB Mount  
UPC      822350927567

**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      Straight  
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

**Material Info**

Engineering Number      NMEA-8R5L500005

**Reference - Drawing Numbers**

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



**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

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