

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [120355-0056](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® M12 Circular Hybrid Technology (CHT) Connector and Cordsets  
**Description:** Micro-Change® (M12) Circular Hybrid Technology (CHT) Female Receptacle, M16, 6 Pole (4 Signal, 2 Power)

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

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

**General**

Product Family	Industrial Receptacles
Series	<a href="#">120355</a>
Comments	4 Poles for Communication which are Cat5e, and 2 Power Poles for Power
IP Rating	IP67
Overview	<a href="#">Brad® Micro-Change® M12 Circular Hybrid Technology (CHT) Connector and Cordsets</a>
Product Name	CHT, Micro-Change® (M12)
Type	PCB Mount
UPC	887191003139

**Physical**

Coupling Type	Internal Thread
Gender	Female
Keyway	Single
Length	N/A
Material - Component	Nickel-plated Brass
Mounting Thread Size	M16 x 1.5
Net Weight	19.100/g
Orientation	Straight
Panel Mount	Back
Poles	6
Temperature Range - Operating	-25°C to +75°C
Wire Size AWG	N/A
Wire/Cable Type	N/A

**Electrical**

Current - Maximum per Contact	12A
Voltage - Maximum	30V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-120355-056
---------------	---------------



image - Reference only

**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



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

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.

**Search Parts in this Series**

[120355Series](#)

**Mates With**

[120355 Micro-Change® \(M12\) Circular Hybrid Technology \(CHT\) Double-Ended Cordset](#)