

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

**Part Number:** [120244-0201](#)  
**Status:** **Active**  
**Overview:** Brad® Micro-Change® M12 Circular Hybrid Technology (CHT) Connector  
**Description:** Micro-Change® (M12) Circular Hybrid Technology (CHT) Double-Ended Cordset, 8 Poles (4 Signal, 4 Power), Male (Straight) to Male (Straight), 0.50m Length, Type 1

**Documents:**

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

**General**

Product Family	Industrial Cordsets
Series	<a href="#">120244</a>
Connector End A	CHT4+4 (M12 Hybrid)
Connector End B	CHT4+4 (M12 Hybrid)
IP Rating	IP67
Overview	<a href="#">Brad® Micro-Change® M12 Circular Hybrid Technology (CHT) Connector</a>
Performance Category	5e
Product Name	CHT, Micro-Change® (M12)
Type	Double Ended
UPC	884982667006

**Physical**

Cable Diameter	8.00mm (.315")
Cable Length	0.50m
Color - Cable Jacket	Gray
Coupling Style	Threaded
Gender	Male-Male
Material - Cable Jacket	PUR
Material - Connector Body	Brass, PA
Material - Contact	Brass
Material - Coupling Nut	Brass
Material - Plating Mating	Gold over Nickel
Orientation	Straight
Poles	8
Temperature Range - Operating	-25°C to +75°C
Wire Size AWG	18, 26
Wire/Cable Type	Unshielded-Twisted Pair

**Electrical**

Current - Maximum per Contact	.5A, 6A
Voltage - Maximum	30V

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-120244-200
---------------	---------------



**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**

[120244Series](#)

**Mates With**

[120244-0002 Micro-Change® \(M12\) Circular Hybrid Technology \(CHT\) Female Receptacle](#)