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Part Number: [120355-0002](#)
Status: **Active**
Overview: Brad® Micro-Change® M12 Circular Hybrid Technology (CHT) Connector and Cordsets
Description: Micro-Change® (M12) Circular Hybrid Technology (CHT) Double-Ended Cordset, 6 Poles (4 Signal, 2 Power), Male (Straight) to Male (Straight), PUR Cable, 0.25m (9.84") Length

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Test Summary TS-120355-001 \(PDF\)](#)



General

Product Family	Industrial Cordsets
Series	120355
Comments	Signal uses 26 AWG, and Power uses 16AWG, 4 Signal / 2 Power
Connector End A	Micro-Change® (M12)
Connector End B	Micro-Change® (M12)
IP Rating	IP67
Overview	Brad® Micro-Change® M12 Circular Hybrid Technology (CHT) Connector and Cordsets
Performance Category	5e
Product Name	CHT, Micro-Change® (M12)
Protocol	N/A
Region	Europe
Type	Double Ended
UPC	884982472211

Physical

Cable Diameter	7.93-9.53mm (.312-.375")
Cable Length	0.25m (9.84")
Color - Cable Jacket	Gray
Coupling Style	Threaded
Gender	Male-Male
Keyway	Single
Material - Cable Jacket	PUR
Material - Connector Body	TPU
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold over Nickel
Orientation	Straight
Poles	6
Temperature Range - Operating	-25°C to +75°C
Wire Size AWG	16, 26
Wire/Cable Type	Shielded-Twisted Pair

Electrical

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

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-120355-002
Test Summary	TS-120355-001

EU RoHS

ELV and RoHS Compliant
REACH SVHC Not Reviewed
Low-Halogen Status Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email 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

120355-0055 Micro-Change® (M12) Circular Hybrid Technology (CHT) Female Receptacle

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