

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1202440205

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, 8 Poles (4 Signal, 4 Power), Male (Straight) to Male (Straight), 5.0m (16.40') Length, Type 1



Series image - Reference only

|                                    |                                                                               |
|------------------------------------|-------------------------------------------------------------------------------|
| <b>Documents:</b>                  |                                                                               |
| <a href="#">Drawing (PDF)</a>      | <a href="#">RoHS Certificate of Compliance (PDF)</a>                          |
| <b>Agency Certification</b>        |                                                                               |
| UL                                 | E218123                                                                       |
| <b>General</b>                     |                                                                               |
| Product Family                     | Industrial Cordsets                                                           |
| Series                             | 120244                                                                        |
| Connector End A                    | CHT4+4 (M12 Hybrid)                                                           |
| Connector End B                    | CHT4+4 (M12 Hybrid)                                                           |
| IP Rating                          | IP67                                                                          |
| Material - Contact                 | Copper Alloy                                                                  |
| 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                                | 884982667648                                                                  |
| <b>Physical</b>                    |                                                                               |
| Cable Diameter                     | 8.00mm (.315")                                                                |
| Cable Length                       | 5.0m (16.40')                                                                 |
| Color - Cable Jacket               | Gray                                                                          |
| Coupling Style                     | Threaded                                                                      |
| Gender                             | Male-Male                                                                     |
| Keyway                             | Type 2                                                                        |
| LED Indicator                      | No                                                                            |
| Material - Cable Jacket            | PUR                                                                           |
| Material - Connector Body          | Brass, PA                                                                     |
| Material - Coupling Nut            | Brass                                                                         |
| Material - Plating Mating          | Gold over Nickel                                                              |
| Net Weight                         | 449.353/g                                                                     |
| Orientation                        | Straight to Straight                                                          |
| Poles                              | 8                                                                             |
| Temperature Range - Operating      | -25°C to +75°C                                                                |
| Wire Size AWG                      | 18, 26                                                                        |
| Wire/Cable Type                    | Unshielded-Twisted Pair                                                       |
| <b>Electrical</b>                  |                                                                               |
| Current - Maximum per Contact      | 0.5A, 6.0A                                                                    |
| Voltage - Maximum                  | 30V                                                                           |
| <b>Material Info</b>               |                                                                               |
| <b>Reference - Drawing Numbers</b> |                                                                               |
| Sales Drawing                      | SD-120244-200                                                                 |

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

120244 Series

Mates With

1202440002 MicroChange (M12) Circular Hybrid Technology (CHT) Female Receptacle

This document was generated on 09/17/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

120244-0205