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**Part Number:** [120086-8551](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Double-Ended Cordset, 4 Poles, Female (90°) to Male (Straight), 22 AWG, TPE Cable, 2.0m (6.56' ) Length

**Documents:**

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

**Agency Certification**

UL E152210

**General**

Product Family Industrial Cordsets  
 Series [120087](#)  
 Connector End A Nano-Change® (M8)  
 Connector End B Nano-Change® (M8)  
 IP Rating IP68  
 Overview [Brad® Nano-Change® &#40;M8&#41; Products](#)  
 Product Name Nano-Change® (M8)  
 Protocol N/A  
 Region America  
 Type Double Ended  
 UPC 78172540915

**Physical**

Cable Diameter N/A  
 Cable Length 2.0m (6.56' )  
 Color - Cable Jacket Yellow  
 Coupling Style Threaded  
 Gender Female-Male  
 Keyway None  
 LED Indicator No  
 Material - Cable Jacket TPE  
 Material - Connector Body Thermoplastic Elastomer  
 Material - Contact Copper Alloy  
 Material - Coupling Nut Nickel-plated Brass  
 Material - O-Ring Viton  
 Material - Plating Mating Gold over Nickel  
 Net Weight 9.520/g  
 Orientation 90° to Straight  
 Poles 4  
 Temperature Range - Operating -25°C to +80°C  
 Wire Size AWG 22  
 Wire/Cable Type PLTC-ER

**Electrical**

Current - Maximum per Contact 4A  
 Voltage - Maximum 60V AC / 75V DC

**Material Info**

Old Part Number 444031K05M020

**Reference - Drawing Numbers**

Sales Drawing SD-120086-056

**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](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**

120087Series

This document was generated on 02/28/2014

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