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**Part Number:** [120086-0342](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 3 Poles, Female (Straight) to Pigtail, 22 AWG TPE Cable, 10.0m (32.81' ) Length

**Documents:**

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

**Agency Certification**

UL E152210

**General**

Product Family Industrial Cordsets  
 Series [120086](#)  
 Connector End A Nano-Change® (M8)  
 Connector End B Pigtail  
 IP Rating IP67  
 Overview [Brad® Nano-Change® &#40;M8&#41; Products](#)  
 Product Name Nano-Change® (M8)  
 Protocol N/A  
 Region America  
 Type Single Ended  
 UPC 78678886883

**Physical**

Cable Diameter 4.70mm (.185")  
 Cable Length 1.0m (3.28' )  
 Color - Cable Jacket Yellow  
 Coupling Style Threaded  
 Gender Female-Pigtail  
 Keyway Single  
 LED Indicator No  
 Material - Cable Jacket TPE  
 Material - Connector Body PUR  
 Material - Contact Copper Alloy  
 Material - Coupling Nut Nickel-plated Brass  
 Material - O-Ring Viton  
 Material - Plating Mating Gold  
 Net Weight 51.020/g  
 Orientation Straight  
 Poles 3  
 Temperature Range - Operating -25°C to +80°C  
 Wire Size AWG 22  
 Wire/Cable Type PLTC-ER

**Electrical**

Current - Maximum per Contact 3A  
 Voltage - Maximum 30V

**Material Info**

Old Part Number 403000K05M100

**Reference - Drawing Numbers**

Sales Drawing SD-120086-001



**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](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**

120086Series

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