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**Part Number:** [120086-0132](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 3 Poles, Male (Straight) to Pigtail, 24 AWG, PVC Cable, 2.0m (6.56') Length

**Documents:**

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

**Agency Certification**

CSA LR6837  
 UL E152210

**General**

Product Family Industrial Cordsets  
 Series [120086](#)  
 Connector End A Nano-Change® (M8)  
 Connector End B Pigtail  
 IP Rating IP68  
 Overview [Brad® Nano-Change® &#40;M8&#41; Products](#)  
 Product Name Nano-Change® (M8)  
 Protocol N/A  
 Region America  
 Type Single Ended  
 UPC 78678832541

**Physical**

Cable Diameter 4.32mm (.170")  
 Cable Length 2.0m (6.56')  
 Color - Cable Jacket Yellow  
 Coupling Style Threaded  
 Gender Male-Pigtail  
 LED Indicator No  
 Material - Cable Jacket PVC  
 Material - Connector Body TPE  
 Material - Contact Copper Alloy  
 Material - Coupling Nut Nickel-plated Brass  
 Material - O-Ring Viton  
 Material - Plating Mating Gold  
 Orientation Straight  
 Poles 3  
 Temperature Range - Operating -20°C to +105°C  
 Wire Size AWG 24  
 Wire/Cable Type UL 2661

**Electrical**

Current - Maximum per Contact 4.0A  
 Voltage - Maximum 60V AC / 75V DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 5  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 250

**Material Info**

Old Part Number 403006A10M020



**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**

120086Series

**Reference - Drawing Numbers**

Sales Drawing

SD-120027-002, SD-120086-132

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