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**Part Number:** [120086-8099](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 5 Poles, Female (Straight) to Pigtail, PVC Cable, 2.0m Length

**Documents:**

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

**General**

Product Family	Industrial Cordsets
Series	120086
Connector End A	Nano-Change® (M8)
Connector End B	Pigtail
IP Rating	IP67
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Nano-Change® &amp;#40;M8&amp;#41; Products</a>
Product Name	Nano-Change® (M8)
Type	Single Ended
UPC	883906727338

**Physical**

Cable Diameter	5.00mm (.197")
Cable Length	2.0m
Color - Cable Jacket	Black
Coupling Style	Threaded
Gender	Female-Pigtail
LED Indicator	No
Material - Cable Jacket	PVC
Material - Connector Body	TPE
Material - Contact	Copper Alloy
Material - Coupling Nut	Brass
Material - Plating Mating	Gold over Nickel
Net Weight	100.000/g
Orientation	Straight
Poles	5
Temperature Range - Operating	-30°C TO +80°C
Wire Size AWG	24
Wire/Cable Type	E152210

**Electrical**

Current - Maximum per Contact	3A
Voltage - Maximum	60V

**Material Info**

Old Part Number	405000E02M020
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**Reference - Drawing Numbers**

Sales Drawing	SD-120086-001
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**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



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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