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**Part Number:** [120086-8221](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) / Micro-Change® (M12) Double-Ended Cordset, 3 Poles, Female (Straight) to Male (Straight), 0.25mm<sup>2</sup> PUR Cable, 0.60m 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	Micro-Change® (M12)
IP Rating	IP67
NEMA Rating	NEMA 6
Overview	<a href="#">Brad® Nano-Change® &amp;#40;M8&amp;#41; Products</a>
Product Name	Micro-Change® (M12), Nano-Change® (M8)
Type	Double Ended
UPC	78172511567

**Physical**

Cable Diameter	N/A
Cable Length	0.60m
Color - Cable Jacket	Black
Coupling Style	Threaded
Gender	Female-Male
LED Indicator	No
Material - Cable Jacket	PUR
Material - Connector Body	PUR
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Net Weight	10.660/g
Orientation	Straight
Poles	3
Temperature Range - Operating	-25°C to +80°C
Wire Size AWG	N/A
Wire/Cable Type	UL 21198

**Electrical**

Current - Maximum per Contact	4A
Voltage - Maximum	60V

**Material Info**

Old Part Number	483030H08M006
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**Reference - Drawing Numbers**

Sales Drawing	SD-120087-045
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**EU RoHS**

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

**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