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**Part Number:** [120086-8556](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) to Micro-Change® (M12) Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), 22 AWG, TPE Cable, 2.0m (6.56' ) Length

**Documents:**

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

**General**

Product Family	Industrial Cordsets
Series	<a href="#">120028</a>
Connector End A	Nano-Change® (M8)
Connector End B	Micro-Change® (M12)
IP Rating	IP68
Overview	<a href="#">Brad® Nano-Change® &amp;#40;M8&amp;#41; Products</a>
Product Name	Micro-Change® (M12), Nano-Change® (M8)
Protocol	N/A
Region	America
Type	Double Ended
UPC	78172540922

**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
Orientation	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	484030K05M020
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**Reference - Drawing Numbers**

Sales Drawing	SD-120086-058
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**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.

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120028Series