

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [120086-8553](#)
Status: **Active**
Overview: [Brad® Nano-Change® (M8) Products](#)
Description: Nano-Change® (M8) to Micro-Change® (M12) Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 24 AWG, TPE Cable, 0.60m (1.97') Length

Documents:

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

General

Product Family	Industrial Cordsets
Series	120087
Connector End A	Nano-Change® (M8)
Connector End B	Micro-Change® (M12)
IP Rating	IP68
Overview	Brad® Nano-Change® &#40;M8&#41; Products
Product Name	Micro-Change® (M12), Nano-Change® (M8)
Protocol	N/A
Region	America
Type	Double Ended
UPC	78172540918

Physical

Cable Diameter	N/A
Cable Length	0.60m (1.97')
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
Net Weight	19.050/g
Orientation	90° to 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	4A
Voltage - Maximum	60V AC / 75V DC

Material Info

Old Part Number	483031K05M006
-----------------	---------------

Reference - Drawing Numbers

Sales Drawing	SD-120086-057
---------------	---------------

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

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

120087Series