



Part Number : [848548021](#)

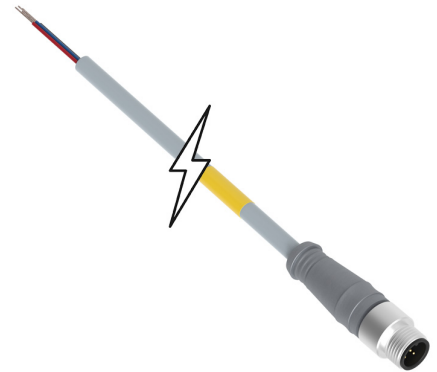
Product Description : DeviceNet Micro-Change Single-Ended, 5 Poles, Male (Straight) to Pigtail, NMEA 2000 Style Cable, 0.50m (1.64') Length, meets NMEA 2000

Series Number : 84854

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : NMEA-DND02NB-M005



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## Documents & Resources

### Drawings

[848548021\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Circular Industrial Cordsets
Series	84854
Description	DeviceNet Micro-Change Single-Ended, 5 Poles, Male (Straight) to Pigtail, NMEA 2000 Style Cable, 0.50m (1.64') Length, meets NMEA 2000
IP Rating	IP67
Product Name	Micro-Change (M12)
Protocol	N/A
Type	Single Ended
UPC	822350909129

### Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V

### Physical

Cable Diameter	5.72mm (.225")
Cable Length	0.50m (1.64')
Color - Cable Jacket	Gray
Connector End A	Micro-Change (M12)
Connector End B	Pigtail
Coupling Style	Threaded
Gender	Male-Pigtail
Keyway	Single
LED Indicator	None
Material - Cable Jacket	PVC
Material - Connector Body	PVC

Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Orientation	Straight to Pigtail
Poles	5
Temperature Range - Operating	-20°C to +80°C
Wire/Cable Type	Thin Standard Cable
Wire Size (AWG)	22

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