



**Part Number :** [848546042](#)

**Product Description :** DeviceNet Micro-Change Double-Ended Cordset, 5 Poles, Male (Straight) to Female (Straight), NMEA 2000 Style Cable, 8.0m (26.25') Length, meets NMEA 2000

**Series Number :** 84854

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** NMEA-DND22NB-M080



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## Documents & Resources

### Drawings

[848546042\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant                                   |
| China RoHS         | Not Relevant                                   |
| 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

## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Circular Industrial Cordsets   |
| Series       | 84854  |
| Description  | DeviceNet Micro-Change Double-Ended Cordset, 5 Poles, Male (Straight) to Female (Straight), NMEA 2000 Style Cable, 8.0m (26.25') Length, meets NMEA 2000 |
| IP Rating    | IP67   |
| Product Name | Micro-Change (M12)   |
| Protocol     | N/A  |
| Type         | Double Ended   |
| UPC          | 822350898379   |

### Electrical

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

### Physical

|                           |                    |
|---------------------------|--------------------|
| Cable Diameter            | 5.72mm (.225")     |
| Cable Length              | 8.0m (26.25')      |
| Color - Cable Jacket      | Gray               |
| Connector End A           | Micro-Change (M12) |
| Connector End B           | Micro-Change (M12) |
| Coupling Style            | Threaded           |
| Gender                    | Female-Male        |
| 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                 |
| Net Weight                    | 988.000/g            |
| Orientation                   | Straight to Straight |
| Poles                         | 5                    |
| Temperature Range - Operating | -20° to +105°C       |
| Wire/Cable Type               | Thin Standard Cable  |
| Wire Size (AWG)               | 22                   |

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