



Part Number : [848546041](#)

Product Description : DeviceNet Micro-Change Double-Ended Cordset, 5 Poles, Male (Straight) to Female (Straight), NMEA 2000 Style Cable, 7.0m (22.97') Length, meets NMEA 2000

Series Number : 84854

Status : Active

Product Category : Circular Industrial Cordsets

Engineering Number : NMEA-DND22NB-M070



Documents & Resources

Drawings

[848546041_sd.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | Not Relevant |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Not Reviewed per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Not Reviewed 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)

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, 7.0m (22.97') Length, meets NMEA 2000 |
| IP Rating | IP67 |
| Product Name | Micro-Change (M12) |
| Protocol | N/A |
| Type | Double Ended |
| UPC | 822350898362 |

Electrical

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

Physical

| | |
|---------------------------|---------------------|
| Cable Diameter | 5.72mm (.225") |
| Cable Length | 7.0m (22.97') |
| 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 |
| Orientation | Straight to Straight |
| Poles | 5 |
| Temperature Range - Operating | -20° to +105°C |
| Wire/Cable Type | Thin Standard Cable |
| Wire Size (AWG) | 22 |

This document was generated on Mar 27, 2025