



Part Number : 2138621637

Product Description : NTC Ring Temperature Sensor-to-Micro-Lock Plus Cable Assembly, 300.00mm Length, 3800 Beta Value with 1% Tolerance, 10kOhm Resistance at 25°C with 1% Tolerance, Black

Series Number : 213862

Status : Active

Product Category : Power and Signal Cable Assemblies


Documents & Resources

Drawings

Drawing 2138621637_sd.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Contains Lead per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant with Exemption 15(a) 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

Part Details

General

| | |
|------------------------|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 213862 |
| Description | NTC Ring Temperature Sensor-to-Micro-Lock Plus Cable Assembly, 300.00mm Length, 3800 Beta Value with 1% Tolerance, 10kOhm Resistance at 25°C with 1% Tolerance, Black |
| Application | Temperature Sensing |
| Assembly Configuration | Dual Ended Connectors |
| Connector to Connector | Ring Term-to-Micro-Lock Plus |
| Product Family | Temperature Sensor Cable Assemblies |
| Product Name | NTC Temperature Sensor |
| Type | Discrete Wire Assembly |
| UPC | 193264438341 |

Electrical

| | |
|-------------------------------|-----------------|
| Beta Value (K) | 3800 |
| Current - Maximum per Contact | 0.5A |
| Resistance at 25°C (kohms) | 10 |
| Resistance Tolerance (%) | 1 |
| Voltage - Maximum | 50V AC (RMS)/DC |

Physical

| | |
|---------------------------|---------------|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Nickel |

| | |
|--------------------------------|----------------------|
| Material - Plating Termination | Nickel, Tin |
| Material - Resin | PBT |
| Net Weight | 2.890/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 1.25mm |
| Single Ended | No |
| Stud Size | 6 (M3.5) |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | PTFE, UL 10344 |
| Wire Insulation Diameter | 0.95mm |
| Wire Size (AWG) | 26 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| 1.25mm Pitch Micro-Lock Plus Vertical, Single Row, Surface Mount Headers | <u>505568</u> |
| 1.25mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers | <u>505567</u> |