



Part Number : 2138651637

Product Description : NTC Ring Temperature Sensor-to-Micro-Lock Plus Cable Assembly, 300.00mm Length, 3982 Beta Value with 1% Tolerance, 10kOhm Resistance at 25°C with 1% Tolerance, Black

Series Number : 213865

Status : Active

Product Category : Power and Signal Cable Assemblies


Documents & Resources

Drawings

Drawing 2138651637\_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(2024)4144-DC (27 June 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	213865
Description	NTC Ring Temperature Sensor-to-Micro-Lock Plus Cable Assembly, 300.00mm Length, 3982 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	193264540457

### Electrical

Beta Value (K)	3982
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	2.862/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

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## 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>