Part Number : 2138652233
Product Description : NTC Ring Temperature Sensor-to-Micro-Lock Plus Cable Assembly, 75.00mm Length, 3982 Beta Value with 1% Tolerance, 2.25kOhm Resistance at 25°C with 2% Tolerance, Black
Series Number : 213865
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents & Resources

Drawings

2138652233_sd.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
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 15(a) per EU 2015/863

Compliance Statements
- EU RoHS
- REACH SVHC
- Low-Halogen

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

- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	213865
Description	NTC Ring Temperature Sensor-to-Micro-Lock Plus Cable Assembly, 75.00mm Length, 3982 Beta Value with 1% Tolerance, 2.25kOhm Resistance at 25°C with 2% Tolerance, Black
Application	Temperature Sensing
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Ring Term-to-Micro-Lock Plus
Product Name	NTC Temperature Sensor
Type	Discrete Wire Assembly
UPC	193264438488

Electrical

Beta Value (K)	3982
Current - Maximum per Contact	0.5A
Resistance at 25°C (kohms)	2.25
Resistance Tolerance (%)	2
Voltage - Maximum	50V AC (RMS)/DC

Physical

Cable Length	75.00mm
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	1.732/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 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	505568
1.25mm Pitch Micro-Lock Plus Right-Angle, Single Row, Surface Mount Headers	505567