



**Part Number :** [2146501633](#)

**Product Description :** NTC Ring Temperature  
Sensor-to-Pigtail Cable Assembly, 75.00mm, 3500 Beta  
Value with 1% Tolerance, 10kOhm Resistance at 25°C  
with 1% Tolerance

**Series Number :** 21465

**Status :** Active

**Product Category :** Power and Signal Cable  
Assemblies



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## Documents and Resources

### Drawings

[2146501633 sd.pdf](#)

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## 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

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## Part Details

### General

|                        |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                                         |
| Category               | Power and Signal Cable Assemblies                                                                                                              |
| Series                 | 21465                                                                                                                                          |
| Description            | NTC Ring Temperature Sensor-to-Pigtail Cable Assembly, 75.00mm, 3500 Beta Value with 1% Tolerance, 10kOhm Resistance at 25°C with 1% Tolerance |
| Application            | Temperature Sensing                                                                                                                            |
| Assembly Configuration | Single Ended Connector                                                                                                                         |
| Connector to Connector | Ring Terminal-to-Pigtail                                                                                                                       |
| Product Name           | NTC Temperature Sensor                                                                                                                         |
| Type                   | Discrete Wire Assembly                                                                                                                         |
| UPC                    | 193264562633                                                                                                                                   |

### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Beta Value (K)                | 3500            |
| Current - Maximum per Contact | 0.5A            |
| Resistance at 25°C (kohms)    | 10              |
| Resistance Tolerance (%)      | 1               |
| Voltage - Maximum             | 50V AC (RMS)/DC |

### Physical

|                    |                |
|--------------------|----------------|
| Cable Length       | 75.00mm        |
| Circuits (Loaded)  | 2              |
| Circuits (maximum) | 2              |
| Gender             | Female-Pigtail |

|                             |                      |
|-----------------------------|----------------------|
| Lock to Mating Part         | No                   |
| Material - Metal            | N/A                  |
| Material - Plating Mating   | Nickel               |
| Net Weight                  | 1.640/g              |
| Number of Rows              | 1                    |
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Single Ended                | Yes                  |
| Stud Size                   | 6 (M3.5)             |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | PTFE, UL 10344       |
| Wire Size (AWG)             | 26                   |