



**Part Number :** [1000570146](#)  
**Product Description :** Temp-Flex High-Performance Flat-Ribbon Cable, 12 Circuits, 1.00mm Pitch, 28 AWG, Silver Plated Copper, UL 20424, 7/36 Stranded Extruded FEP, Blue with Blue Polarity Stripe  
**Series Number :** 100057  
**Status :** Active  
**Product Category :** Specialty Wire and Cable  
**Engineering Number :** F2807S-12-0394-55



## Documents & Resources

### Drawings

- [1000570146\\_sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 2025)                                                            |
| EU RoHS            | Compliant 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     | Specialty Wire and Cable                                                                                                                                                    |
| Series       | 100057                                                                                                                                                                      |
| Description  | Temp-Flex High-Performance Flat-Ribbon Cable, 12 Circuits, 1.00mm Pitch, 28 AWG, Silver Plated Copper, UL 20424, 7/36 Stranded Extruded FEP, Blue with Blue Polarity Stripe |
| Product Name | Temp-Flex                                                                                                                                                                   |
| UPC          | 889056600521                                                                                                                                                                |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A    |
| Voltage - Maximum             | 300V AC |

**Physical**

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| Cable Length              | 100 ft/spool, 10 ft min length, 2 lengths/spool max |
| Circuits (Loaded)         | 12                                                  |
| Color - Cable Jacket      | Blue w/Blue Polarity Stripe                         |
| Insulation                | FEP                                                 |
| Material - Outer Jacket   | FEP                                                 |
| Material - Plating Mating | Silver                                              |
| Net Weight                | 8.583/g                                             |
| Packaging Type            | Spool                                               |

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Pitch - Mating Interface      | 1.00mm                                                   |
| Temperature Range - Operating | -55° to +200°C                                           |
| Wire/Cable Type               | 7/36 Stranded, High-Performance<br>Flat-Ribbon, UL 20424 |
| Wire Size (AWG)               | 28                                                       |

**Mates With / Use With**

**Use with Part(s)**

|             |                |
|-------------|----------------|
| Description | Part Number    |
| Use With    | Molex Picoflex |

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