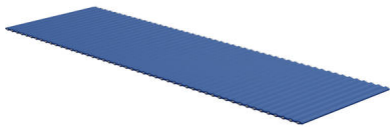




**Part Number :** [1000570039](#)  
**Product Description :** Temp-Flex High-Performance Flat-Ribbon Cable, 50 Circuits, 1.27mm Pitch, 28 AWG, Silver Plated Copper, UL 20424, 7/36 Stranded Extruded FEP, Blue with Blue Polarity Stripe  
**Series Number :** 100057  
**Status :** Active  
**Product Category :** Specialty Wire and Cable  
**Engineering Number :** F2807S-50-050-55




## Documents & Resources

### Drawings

[1000570039\\_sd.pdf](#)  
[STEP AP242](#)  
[SOLIDWORKS](#)  
[Creo](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 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(2025)4165-DC (25 June 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, 50 Circuits, 1.27mm Pitch, 28 AWG, Silver Plated Copper, UL 20424, 7/36 Stranded Extruded FEP, Blue with Blue Polarity Stripe
Product Name	Temp-Flex
UPC	887191902524

**Electrical**

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

**Physical**

Cable Length	100 ft/spool, 10 ft min length
Circuits (Loaded)	50
Color - Cable Jacket	Blue w/Blue Polarity Stripe
Insulation	FEP
Material - Outer Jacket	FEP
Material - Plating Mating	Silver
Net Weight	30.839/g
Packaging Type	Spool
Pitch - Mating Interface	1.27mm

Temperature Range - Operating	-65° to +200°C
Wire/Cable Type	7/36 Stranded, High-Performance 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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This document was generated on Sep 18, 2025