




Part Number : 1068150027

Series Number : 106815
Product Category : Capillary Tubing

Product Description : Polymicro Flexible
Fused Silica Capillary Tubing, Inner Diameter
320µm, Outer Diameter 450µm, TSP320450
Status : Active
Engineering Number : 2000027

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant 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 | Capillary Tubing |
| Series | 106815 |

| | |
|--------------------------------|--|
| Description | Polymicro Flexible Fused Silica Capillary Tubing, Inner Diameter 320µm, Outer Diameter 450µm, TSP320450 |
| Application | Industrial, Medical, Research, Scientific, and other |
| Application Notes and Articles | www.molex.com/polymicro/literature.html |
| Capillary Configurator | www.molex.com/polymicro/capillaryconfigurator.html |
| Capillary Series | TSP |
| Catalog | www.molex.com/polymicro/catalog.html |
| Product Family | Polymicro Capillary Tubing |
| Product Name | Standard |
| Type | Capillary Tubing |
| UPC | 883906647001 |

Physical

| | |
|--------------------------------|---|
| Coating Thickness per Side | 18µm nominal |
| Cutting Style | Laser Cut, Precision Cleave, Saw Cut, Standard Cleave |
| Internal Diameter | 320µm |
| Internal Diameter Tolerance | ± 6µm |
| Material - Coating | Standard Polyimide |
| Material - Tubing | Synthetic Fused Silica |
| Net Weight | 0.132/g |
| Outer Diameter | 435µm |
| Outer Diameter Tolerance | ± 10µm |
| Packaging Type | Spool |
| Proof Tested @ Minimum 100kpsi | 100% for Strength |
| Temperature Range - Operating | -65° to +350°C |
| Tubing Length | 10.0m minimum |

Use with Part(s)

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|-------------|--|
| Description | Part Number |
| Use With | www.molex.com/polymicro/capillarytubingaccessories |

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