



Part Number : 1068022383

Product Description : FDP Deep UV Optical Fiber 200µm, Polyimide, 0.22NA, High -OH (Deep UV-VIS), FDP200220240

Series Number : 106802


Status : Active

Product Category : Optical Fibers

Engineering Number : 2002383

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	Contains 1-Methyl-2-pyrrolidone per D(2024)4144-DC (27 June 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	Optical Fibers
Series	106802

Description	FDP Deep UV Optical Fiber 200μm, Polyimide, 0.22NA, High -OH (Deep UV-VIS), FDP200220240
Application	Industrial, Medical, Research, Scientific, and other
Catalog	www.molex.com/polymicro/catalog
Fiber Series	FDP
More Detailed Tech Information	www.molex.com/polymicro/fdp
Product Family	Polymicro Optical Fibers
Product Name	FDP Deep UV Optical Fiber
UPC	883906628703
White Paper-Published Articles	www.molex.com/polymicro/whitepapers

Physical

Buffer Diameter	240μm
Buffer Tolerance	± 5μm
Clad Diameter	220μm
Cladding Tolerance	± 4μm
Cladding Type	Doped Silica
Core Diameter	200μm
Core Tolerance	± 4μm
Glass Characteristic	High -OH
Long-Term Bend Radius	3.7cm
Material - Buffer	Polyimide
Material - Glass	Synthetic Fused Silica
Net Weight	0.094/g
Numerical Aperture	0.22
Packaging Type	Spool
Proof Tested @ Minimum 100kpsi	100% for Strength
Short-Term Bend Radius	1.1cm
Temperature Range - Operating	-65° to +250°C
Wavelength Range	190nm - 325nm (Deep UV)
Wire/Cable Type	Silica Optical Fiber

Use with Part(s)

Description	Part Number
Use With	Ferrules, Sleeves, SMA Connectors, and Custom Connectors

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