

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1068032040](#)
Status: **Active**
Overview: Polymicro Optical Fibers
Description: Polymicro Optical Fiber, Silica / Silica Dual Clad, 365um, Medical, Tefzel Bio-compatible, JTFIH365400430730

Documents:

[RoHS Certificate of Compliance \(PDF\)](#)

General

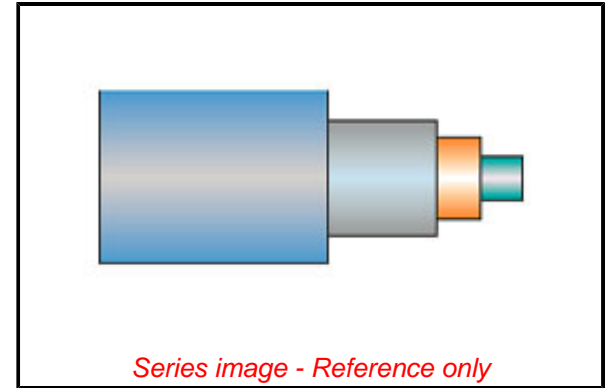
Product Family	Optical Fiber
Series	106803
Application	Industrial, Medical, Research, Scientific, and other
Catalog	www.molex.com/polymicro/catalog
Fiber Series	JTFIH
More Detailed Tech Information	www.molex.com/polymicro/jtfih
Overview	Polymicro Optical Fibers
Polymicro	Yes
Product Name	JTFIH Optical Fiber
Taxonomy	Optical Fibers
UPC	883906642181
White Paper-Published Articles	www.molex.com/polymicro/whitepapers
Wire/Cable Type	Silica Optical Fiber

Physical

Buffer Diameter	730µm
Buffer Tolerance	± 30µm
Cladding Type	Doped Silica, Hard Polymer
Core Diameter	365µm
Core Tolerance	± 10µm
Glass Characteristic	Low -OH
Long-Term Bend Radius	50mm
Material - Buffer	Tefzel*
Material - Glass	Synthetic Fused Silica
Net Weight	0.769/g
Numerical Aperture	0.22±0.02
Packaging Type	Spool
Primary Clad Diameter	400µm
Primary Cladding Tolerance	± 8µm
Proof Tested @ Minimum 100kpsi	100% for Strength
Secondary Clad Diameter	430µm
Secondary Cladding Tolerance	+3 /-13µm
Short-Term Bend Radius	40mm
Temperature Range - Operating	-65° to +140°C
Wavelength Range	380nm - 2200nm

Material Info

Engineering Number	6802040
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[106803 Series](#)

Use With

Ferrules, Sleeves, SMA Connectors, and
Custom Connectors