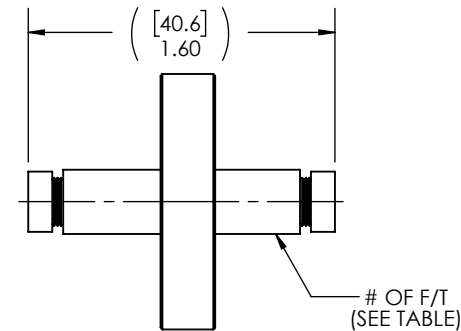
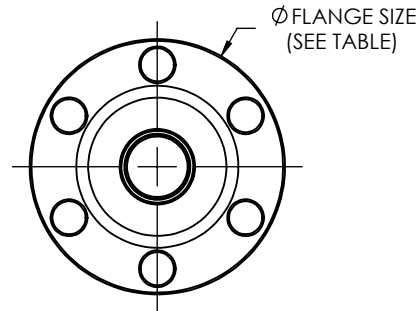
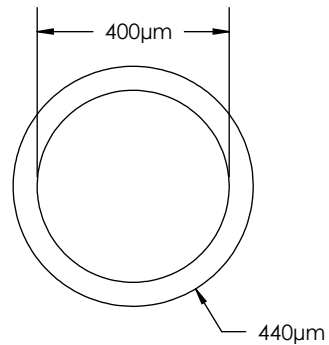


FIBER CONSTRUCTION



MM400 UV FC/PC NOTES:

1. WAVELENGTH: 190 TO 1100nm
2. NUMERICAL APERATURE: 0.22
3. TYPICAL INSERTION LOSS: < 0.5 dB @ 850nm
4. FERRULE: 2.5mm CERAMICS (ZrO2)

MM400 IR FC/PC NOTES:

1. WAVELENGTH: 400 TO 2400nm
2. NUMERICAL APERATURE: 0.22
3. TYPICAL INSERTION LOSS: <0.5 dB @ 850nm
4. FERRULE: 2.5mm CERAMICS (ZrO2)

MM400 UV FSMA NOTES:

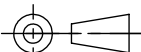
1. WAVELENGTH: 190 TO 1100nm
2. NUMERICAL APERATURE: 0.22
3. TYPICAL INSERTION LOSS: 1.2dB
4. FERRULE: 2.5mm CERAMICS (ZrO2)

MM400 IR FSMA NOTES:

1. WAVELENGTH: 400 TO 2400nm
2. NUMERICAL APERATURE: 0.22
3. TYPICAL INSERTION LOSS: <1.2 dB
4. FERRULE: 2.5mm CERAMICS (ZrO2)

SEE SHEET 2 OF 2 FOR CONFIGURATION TABLE

Multimode (MM400) Fiber Optic Feedthrough, FC/PC or FSMA Connector

UNLESS OTHERWISE SPECIFIED:		QUOTATION #:		APPROVED	
DIMENSIONS ARE IN INCHES [] DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR: MACH ± 1/2° TWO PLACE DECIMAL ± .030 [.76] THREE PLACE DECIMAL ± .015 [.38] ALL DIAMETERS CONCENTRIC WITHIN .005 [.127] REMOVE ALL BURRS AND SHARP EDGES MIN SURFACE FINISH: Ra 63 µin Ra 1.6 µm N7 THIRD ANGLE PROJECTION: 			NAME	DATE	MPF PRODUCTS INC. TITLE: MULTIMODE FIBER OPTIC FEEDTHROUGH (FIBER MM400) DOWNLOADED FROM MPFPI.COM
		DRAWN:	WJ	1/5/2017	
		CHECKED:	RD	1/5/2017	
		APPROVED:	WJ	1/5/2017	
		APPLICATION			
		USED ON:	BASED ON:		
		MOUNT:	WEIGHT:		
		CUSTOM	0.1270		
				DWG NO: A14873	REV:
				Monday, January 30, 2017 3:55:47 PM - BY: ENG3	

PART #: A14873

REV:

SHEET 2 OF 2

PART #	FLANGE SIZE	# OF F/T	CONNECTOR TYPE	FIBER TYPE
A14873-2-CF	1.33" CF	1	FC/APC	400µm UV
A14873-3-CF	2.75" CF	1	FC/APC	400µm UV
A14873-4-CF	2.75" CF	2	FC/APC	400µm UV
A14873-5-CF	2.75" CF	3	FC/APC	400µm UV
A14873-6-CF	4.50" CF	1	FC/APC	400µm UV
A14873-7-CF	4.50" CF	2	FC/APC	400µm UV
A14873-8-CF	4.50" CF	3	FC/APC	400µm UV
A14873-9-CF	4.50" CF	4	FC/APC	400µm UV
A14873-10-CF	4.50" CF	5	FC/APC	400µm UV
A14873-11-QF	1.18" QF	1	FC/APC	400µm UV
A14873-12-QF	1.57" QF	1	FC/APC	400µm UV
A14873-13-QF	2.16" QF	1	FC/APC	400µm UV
A14873-14-QF	2.16" QF	2	FC/APC	400µm UV
A14873-15-QF	2.16" QF	3	FC/APC	400µm UV
A14873-16-QF	2.16" QF	4	FC/APC	400µm UV
A14873-17-QF	2.16" QF	5	FC/APC	400µm UV
A14873-18-QF	2.95" QF	1	FC/APC	400µm UV
A14873-19-QF	2.95" QF	2	FC/APC	400µm UV
A14873-20-QF	2.95" QF	3	FC/APC	400µm UV
A14873-21-QF	2.95" QF	4	FC/APC	400µm UV
A14873-22-QF	2.95" QF	5	FC/APC	400µm UV
A14873-23-QF	2.95" QF	6	FC/APC	400µm UV

PART #	FLANGE SIZE	# OF F/T	CONNECTOR TYPE	FIBER TYPE
A14873-48-CF	1.33" CF	1	FSMA	400µm UV
A14873-49-CF	2.75" CF	1	FSMA	400µm UV
A14873-50-CF	2.75" CF	2	FSMA	400µm UV
A14873-51-CF	2.75" CF	3	FSMA	400µm UV
A14873-52-QF	1.18" QF	1	FSMA	400µm UV
A14873-53-QF	1.57" QF	1	FSMA	400µm UV
A14873-54-QF	2.16" QF	1	FSMA	400µm UV
A14873-55-QF	2.16" QF	2	FSMA	400µm UV
A14873-56-QF	2.16" QF	3	FSMA	400µm UV
A14873-57-QF	2.16" QF	4	FSMA	400µm UV
A14873-58-QF	2.16" QF	5	FSMA	400µm UV
A14873-59-QF	2.95" QF	1	FSMA	400µm UV
A14873-60-QF	2.95" QF	2	FSMA	400µm UV
A14873-61-QF	2.95" QF	3	FSMA	400µm UV
A14873-62-QF	2.95" QF	4	FSMA	400µm UV
A14873-63-QF	2.95" QF	5	FSMA	400µm UV
A14873-64-QF	2.95" QF	6	FSMA	400µm UV

PART #	FLANGE SIZE	# OF F/T	CONNECTOR TYPE	FIBER TYPE
A14873-25-CF	1.33" CF	1	FC/PC	400µm IR
A14873-26-CF	2.75" CF	1	FC/PC	400µm IR
A14873-27-CF	2.75" CF	2	FC/PC	400µm IR
A14873-28-CF	2.75" CF	3	FC/PC	400µm IR
A14873-29-CF	4.50" CF	1	FC/PC	400µm IR
A14873-30-CF	4.50" CF	2	FC/PC	400µm IR
A14873-31-CF	4.50" CF	3	FC/PC	400µm IR
A14873-32-CF	4.50" CF	4	FC/PC	400µm IR
A14873-33-CF	4.50" CF	5	FC/PC	400µm IR
A14873-34-QF	1.18" QF	1	FC/PC	400µm IR
A14873-35-QF	1.57" QF	1	FC/PC	400µm IR
A14873-36-QF	2.16" QF	1	FC/PC	400µm IR
A14873-37-QF	2.16" QF	2	FC/PC	400µm IR
A14873-38-QF	2.16" QF	3	FC/PC	400µm IR
A14873-39-QF	2.16" QF	4	FC/PC	400µm IR
A14873-40-QF	2.16" QF	5	FC/PC	400µm IR
A14873-41-QF	2.95" QF	1	FC/PC	400µm IR
A14873-42-QF	2.95" QF	2	FC/PC	400µm IR
A14873-43-QF	2.95" QF	3	FC/PC	400µm IR
A14873-44-QF	2.95" QF	4	FC/PC	400µm IR
A14873-45-QF	2.95" QF	5	FC/PC	400µm IR
A14873-46-QF	2.95" QF	6	FC/PC	400µm IR

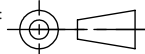
PART #	FLANGE SIZE	# OF F/T	CONNECTOR TYPE	FIBER TYPE
A14873-66-CF	1.33" CF	1	FSMA	400µm IR
A14873-67-CF	2.75" CF	1	FSMA	400µm IR
A14873-68-CF	2.75" CF	2	FSMA	400µm IR
A14873-69-CF	2.75" CF	3	FSMA	400µm IR
A14873-70-QF	1.18" QF	1	FSMA	400µm IR
A14873-71-QF	1.57" QF	1	FSMA	400µm IR
A14873-72-QF	2.16" QF	1	FSMA	400µm IR
A14873-73-QF	2.16" QF	2	FSMA	400µm IR
A14873-74-QF	2.16" QF	3	FSMA	400µm IR
A14873-75-QF	2.16" QF	4	FSMA	400µm IR
A14873-76-QF	2.16" QF	5	FSMA	400µm IR
A14873-77-QF	2.95" QF	1	FSMA	400µm IR
A14873-78-QF	2.95" QF	2	FSMA	400µm IR
A14873-79-QF	2.95" QF	3	FSMA	400µm IR
A14873-80-QF	2.95" QF	4	FSMA	400µm IR
A14873-81-QF	2.95" QF	5	FSMA	400µm IR
A14873-82-QF	2.95" QF	6	FSMA	400µm IR

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
[] DIMENSIONS ARE IN MILLIMETERS FOR REFERENCETOLERANCES:
ANGULAR: MACH ± 1/2°
TWO PLACE DECIMAL ± .030 [.76]
THREE PLACE DECIMAL ± .015 [.38]ALL DIAMETERS CONCENTRIC WITHIN .005 [.127]
REMOVE ALL BURRS AND SHARP EDGES

MIN SURFACE FINISH: Ra 63 µin | Ra 1.6 µm | N7

THIRD ANGLE PROJECTION:



QUOTATION #:

	NAME	DATE
DRAWN:	WJ	1/5/2017
CHECKED:	RD	1/5/2017
APPROVED:	WJ	1/5/2017

APPLICATION

USED ON:

BASED ON:

MOUNT:

CUSTOM

WEIGHT:

0.1270

APPROVED

MPF PRODUCTS INC.

TITLE:

MULTIMODE
FIBER OPTIC
FEEDTHROUGH
(FIBER MM400)

DOWNLOADED FROM MPFPI.COM

DWG NO: A14873

REV:

Monday, January 30, 2017 3:55:47 PM - BY: ENG3