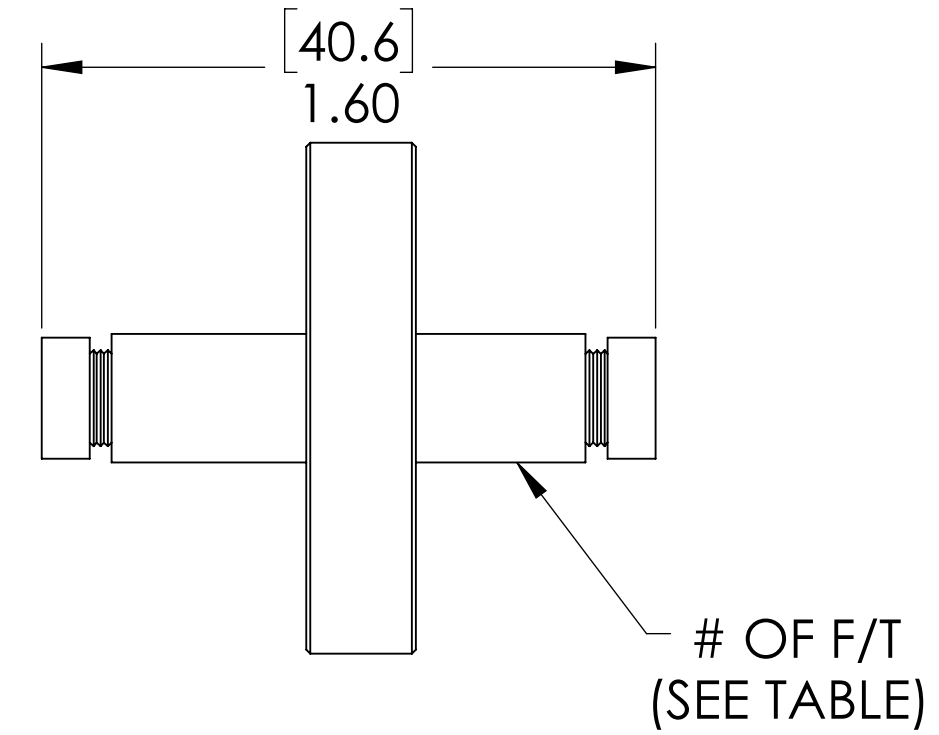
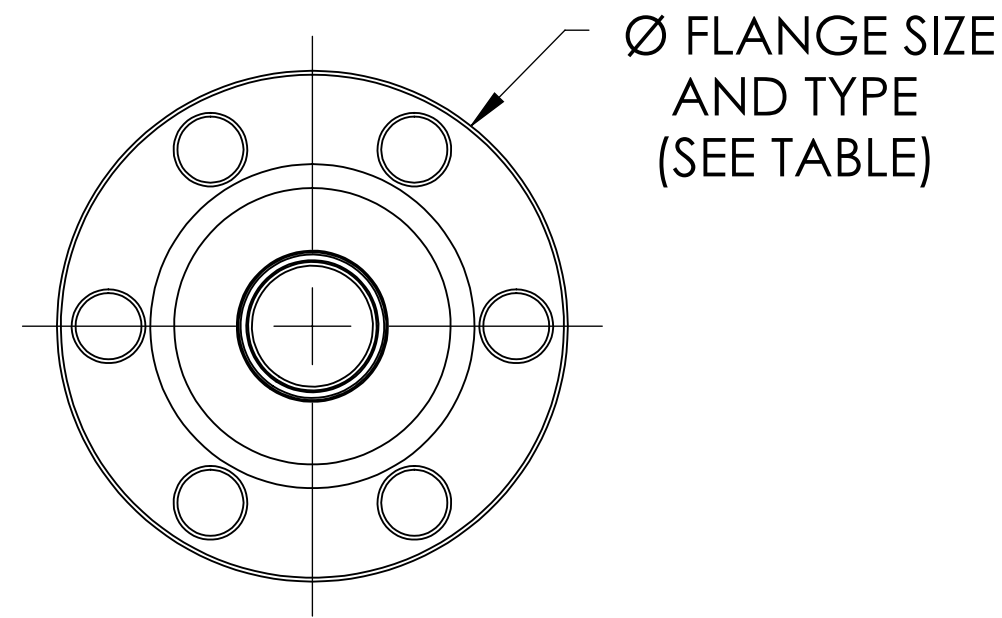
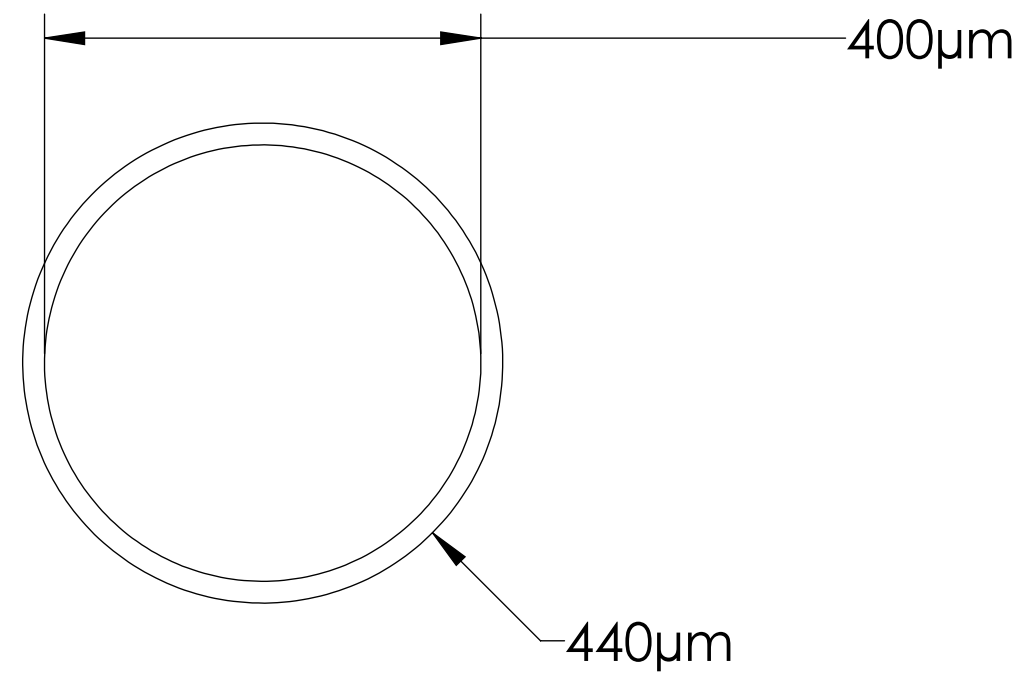


MPF PRODUCTS INC.

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 #		N/A	
DIMENSIONS ARE IN INCHES		NAME	DATE	MPF PRODUCTS INC.	
TOLERANCES:		WJ	9/11/2015		
ANGULAR: MACH ± 1/2°		CHECKED	9/11/2015		
TWO PLACE DECIMAL ± .030		ENG APPR.	WJ 9/11/2015		
THREE PLACE DECIMAL ± .015		THIRD ANGLE:		MULTIMODE FIBER OPTIC FEEDTHROUGH (FIBER MM400)	
MATERIAL					
FINISH		APPLICATION			
PLATING		NEXT ASSY USED ON			
SURFACE FINISH: 63 OR BETTER		SURFACE FINISH: 63 OR BETTER		DOWNLOADED FROM MPFPI.COM	
UNLESS OTHERWISE SPECIFIED:		UNLESS OTHERWISE SPECIFIED:		DWG. NO. A14873	
ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		REV	
		Tuesday, July 23, 2019 12:50:08 PM			

MPF PRODUCTS INC.

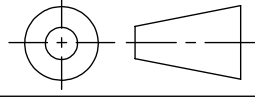
PART #	FLANGE SIZE	# OF F/T	CONNECTOR TYPE	FIBER TYPE
A14873-2-CF	1.33" CF	1	FC/PC	400µm UV
A14873-3-CF	2.75" CF	1	FC/PC	400µm UV
A14873-4-CF	2.75" CF	2	FC/PC	400µm UV
A14873-5-CF	2.75" CF	3	FC/PC	400µm UV
A14873-6-CF	4.50" CF	1	FC/PC	400µm UV
A14873-7-CF	4.50" CF	2	FC/PC	400µm UV
A14873-8-CF	4.50" CF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

THIS DRAWING IS FOR QUOTATION PURPOSES ONLY

UNLESS OTHERWISE SPECIFIED:		QUOTATION #		N/A	
DIMENSIONS ARE IN INCHES TOLERANCES:		DRAWN	WJ	DATE	9/11/2015
ANGULAR: MACH ± 1/2°		CHECKED		9/11/2015	MPF PRODUCTS INC.
TWO PLACE DECIMAL ± .030		ENG APPR.	WJ	9/11/2015	
THREE PLACE DECIMAL ± .015		THIRD ANGLE:		TITLE:	
MATERIAL				MULTIMODE FIBER OPTIC FEEDTHROUGH (FIBER MM400)	
FINISH		SURFACE FINISH: $\sqrt{32}$ OR BETTER		DOWNLOADED FROM MPFPI.COM	
PLATING		UNLESS OTHERWISE SPECIFIED:		DWG. NO. A14873 REV	
		ALL DIAMETERS CONCENTRIC WITHIN .005. REMOVE ALL BURRS AND SHARP EDGES		Tuesday, July 23, 2019 12:50:08 PM	