

# SPECIFICATION

## COMMERCIALY AVAILABLE

**MONOLITHIC CRYSTAL BAND PASS**  
**PART NUMBER: FNP-1420**

Also available as Crystal Set  
 See M50FBC

9/21/16 Added I.L., Changed Package

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
09/19/16 EH <sup>(dg)</sup>			
9/21/16 <sup>(kn)</sup>			

***FILTRONETICS Inc***

6010 Parretta Dr. Kansas City, MO 64120

(p) 816-231-7375 (f) 816-241-0368

Form-078 2/7/2012

***FILTRONETICS, Inc***

[www.filtro.net](http://www.filtro.net)

1. Part Number: FNP-1420

2. Electrical Specifications:

Filter Type		Crystal Band Pass
Center Frequency (Fo)		50 MHz
3 dB Band Width:		±7.5 KHz Min
Insertion Loss:		4 dB Max
Pass Band Ripple:		1 dB Max, 0 dB Typical
Attenuation	Fo ±25 KHz	35 dB Min
	Fo ±50 KHz	50 dB Min
Spurious:		40 dB Min
Input Power:		0 dBm Max
Impedance:		50 Ohms
Operating Temperature:		-30 to +60°C
Storage Temperature:		-55 to +85°C
Number of Poles:		4
Workmanship:		J-STD-001
Installation Temperature:		Case Temperature not to exceed 170°C

3. Mechanical Package:

DOC. NO. FNP-1420-160  
 THIS IS A COMPUTER GENERATED DRAWING.  
 DO NOT REVISE MANUALLY.

CAN = TBD  
COVER=TBD

USED ON	NEXT ASSY	REVISION DESCRIPTIONS										MATERIAL:	APPROVALS	INITIALS	DATE	MARKING AND FINAL DIMENSIONS	
		ADDED:										26 ga CRS (0.018)	DESIGN:	TG	9/21/16	<b>FILTRONETICS, INC.</b> KANSAS CITY, MISSOURI UNITS IN INCHES UNLESS NOTED DWG. NO: FNP-1420160 CODE IDENT. NO. 53733 SHEET 1 OF 1	
		REVISED:										FINISH:	DRAWN:	PG	9/21/16		
		DELETED:										MIL-T 10727	CHECKED:				
		REV	ECO #	BY	DATE	APPR'D	DATE	REV	ECO #	BY	DATE	APPR'D	DATE	SCALE:	2:1		
FNP-1420	-																