

**SPECIFICATION**  
**COMMERCIALLY AVAILABLE**

ITEM: CRYSTAL BAND PASS

PART NUMBER: FN-4424W

7/25/13 Changed Random Vib. and added Storage Temp.

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
7/24/13 DS			
7/25/13 PM			

**FILTRONETICS Inc**

1. Part Number: FN-4424

2. Electrical Specifications:

Filter Type	Crystal Band Pass
Center Frequency (Fo)	90MHz
3dB Band Width:	570KHz Min
Insertion Loss:	5.5dB Max
Pass Band Return Loss:	7.5dB Min @ Fo
Pass Band Ripple:	1dB Max
45dBc Band Width:	±850KHz Max
Random Vibration:	8g rms
Humidity:	90% at 40°C
Input Power:	0dBm
Impedance:	50 Ohms
Operating Temperature:	-40 to +85°C
Storage Temperature:	-40 to +90°C
Workmanship:	J-STD-001
RoHS Compliant	No

3. Mechanical Package Style: AA

D/C THIS SIDE OF CAN

MARKING

S/N

IN OUT

GND GND

DOC. NO.

THIS IS A COMPUTER GENERATED DRAWING. DO NOT REVISE MANUALLY.

0.030 MIN TO START OF BEND (2X)

R 0.03 MIN (TYP)

0.000/0.010

0.21 ±.010

0.05

0.17 ±.030

0.45

2-58UNC-2A x .187 MFTD (1X)

0.030 φ TERM. GLASS/METAL (2X)

0.60

0.175

0.350

1.10

0.030 φ GND TERM. ALLOY # 52 (2X)

CAN = FA-684

TOP COVER=FB-526

SIDE COVER=FB-527

TOP PLATE=HF-1059

				MATL:	Project Engineer	WEM	MM/OD/YY	MARKING AND FINAL DIMENSIONS <b>FILTRONETICS, INC.</b> KANSAS CITY, MISSOURI	
				26 GA. CRS	DRAWN	KHG	6/20/02		
				FINISH:	CHECKED			UNITS IN INCHES UNLESS NOTED DWG. NO. STYLE AA CODE IDENT. NO.53733 SHEET 1 OF 1	
				MIL-T-10727 REFLOW (FE-003)	APPR'D				
REF	FN-2325	-	INITIAL RELEASE		ANGLE = ± 1 °		HOLE S		
USED ON	NEXT ASSY	SYM	REVISION	BY	.XX = ± .02		± .002		
				APPR'D	.XXX = ± .010				
				DATE	SCALE:	1/1			

4. Theoretical:

