

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: FNP-1405

ALSO AVAILABLE IN SMD
SEE CF-22501008A

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
2/12/16 ^(kn)			

FILTRONETICS Inc

1. Part Number: FNP-1405

2. Electrical Specifications:

NO	ITEMS	Ref.	SPECIFICATION
1	Center Frequency (Fo)	-	2250 MHz
2	Pass Band Width(=PB)	-	2200~2300MHz
3	Insertion Loss at Fo	-	3.5 dB Max
4	Attenuation [Absolute Value]	At 2160MHz	35dB Min
		At 2340MHz	35dB Min
5	Return Loss IN PB	-	12dB Min
6	Ripple IN PB	-	3.0dB Max
7	Group Delay Variation IN PB	-	12nsec Max
8	Impedance	-	50Ω
9	Maximum Input Power	-	1 W (+30dBm)
10	Operating Temperature Range	-	-35 - +75°C

3. Dimensions:

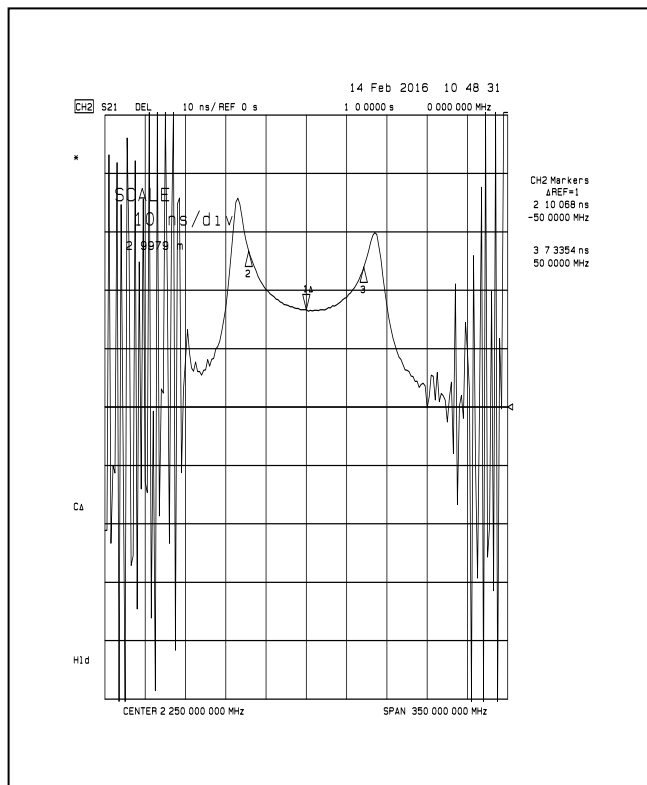
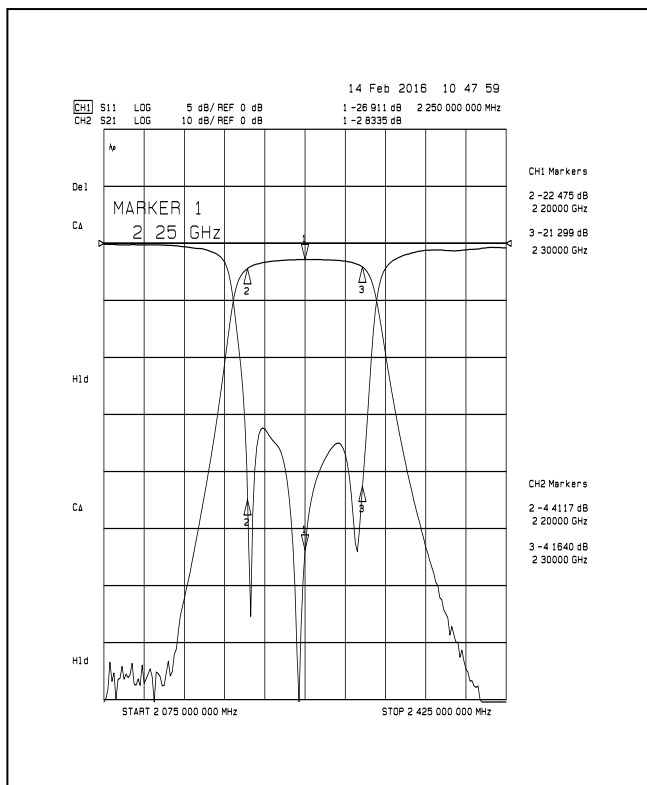
DOC. NO.

CAN=FA-295
COVER=FB-239

				MAT'L:	DESIGN		MARKING AND FINAL DIMENSIONS FILTRONETICS, INC. KANSAS CITY, MISSOURI	
					DRAWN			
					CHECKED			
					APPR'D		CODE IDENT. NO. 53733 DWG. NO. STYLE F SHEET 1 OF 1	
				FINISH:	TOLERANCES UNLESS NOTED			
				MIL-T-10727	ANGLE = ± 1°			
				REFLOW	.XX = ± .02			
					.XXX = ± .010			
					SCALE: 1/1			

4. Simulation:

S21 & S11 (INSERTION LOSS, RETURN LOSS, GROUP DELAY)



S21 (ATTENUATION, OUTBAND ATTENUATION)

