

SPECIFICATION

COMMERCIALLY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-27220045

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
11/14/16 ^(kn)				
<i>FILTRONETICS Inc</i>				

1. APPLICATION

THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

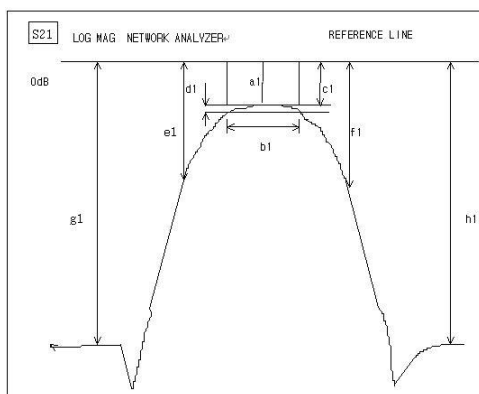
2. PART NUMBER:

PART NO	CF-27220045
PACKAGING	PLASTIC TRAY

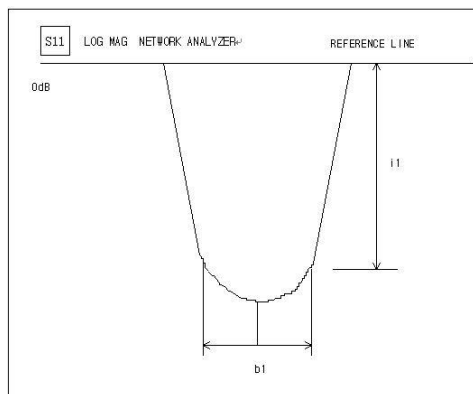
3. SPECIFICATIONS:

NO	ITEMS		SPECIFICATION
1	Center Frequency (Fo)	-	2722MHz
2	Pass Band Width (=PB)	-	Fo+/-2 MHz
3	Insertion Loss at Fo+/- 2MHz	-	5.3 dB max
4	Ripple at Fo+/- 2MHz	-	0.7 dB Max
5	60dB Band Width	-	280Mhz Max
6	Return Loss at Fo+/- 2MHz	-	12 dB Min
7	Impedance	-	50 Ω
8	Maximum Input Power	-	1 W (+30dBm) Max
9	Operating Temperature Range	-	-30 - +75 °C

S21 LOG MAG NETWORK ANALYZER

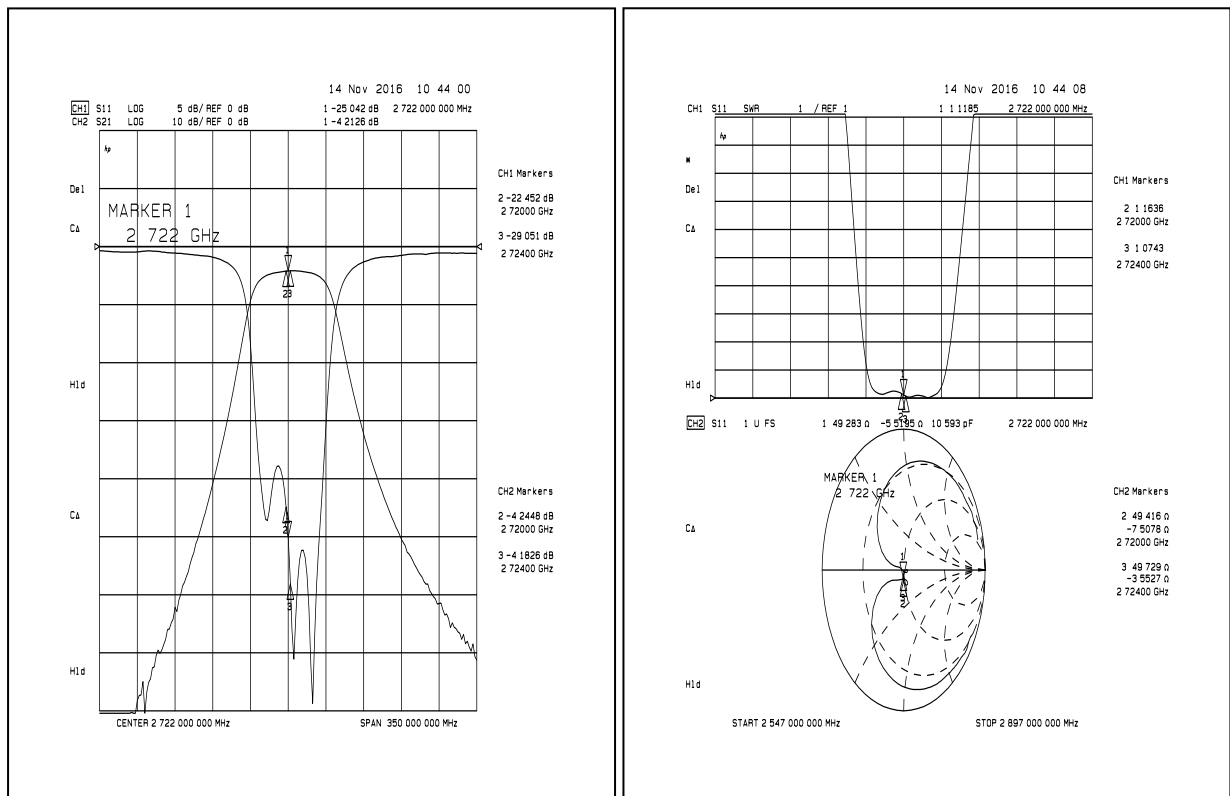


S11 LOG MAG NETWORK ANALYZER



5. SIMULATION:

S21 vs S11 (INSERTION LOSS, RETURN LOSS, V.S.W.R, SMITH CHART)



S21 (1dB BAND WIDTH, 60dB BAND WIDTH)

