

SPECIFICATION

COMMERCIALLY AVAILABLE

**CERAMIC BAND PASS IN
HERMETIC PACKAGE**
NPT excluding the resonator pins (Resonator Tabs).

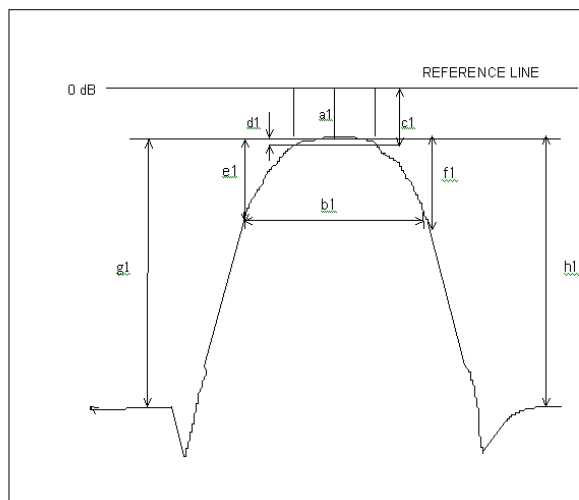
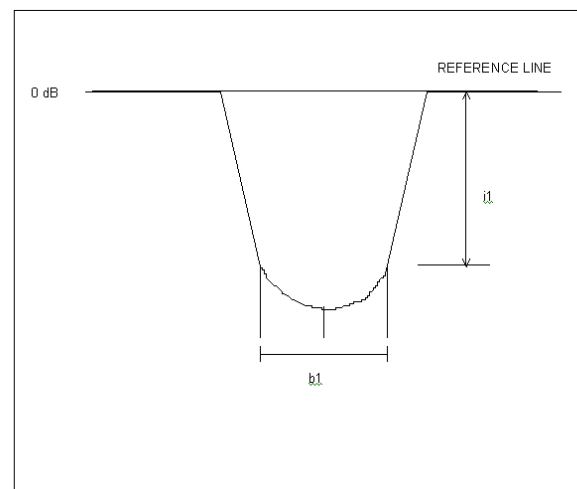
PART NUMBER: FNP-1555

See CF-24500084A for SMD version

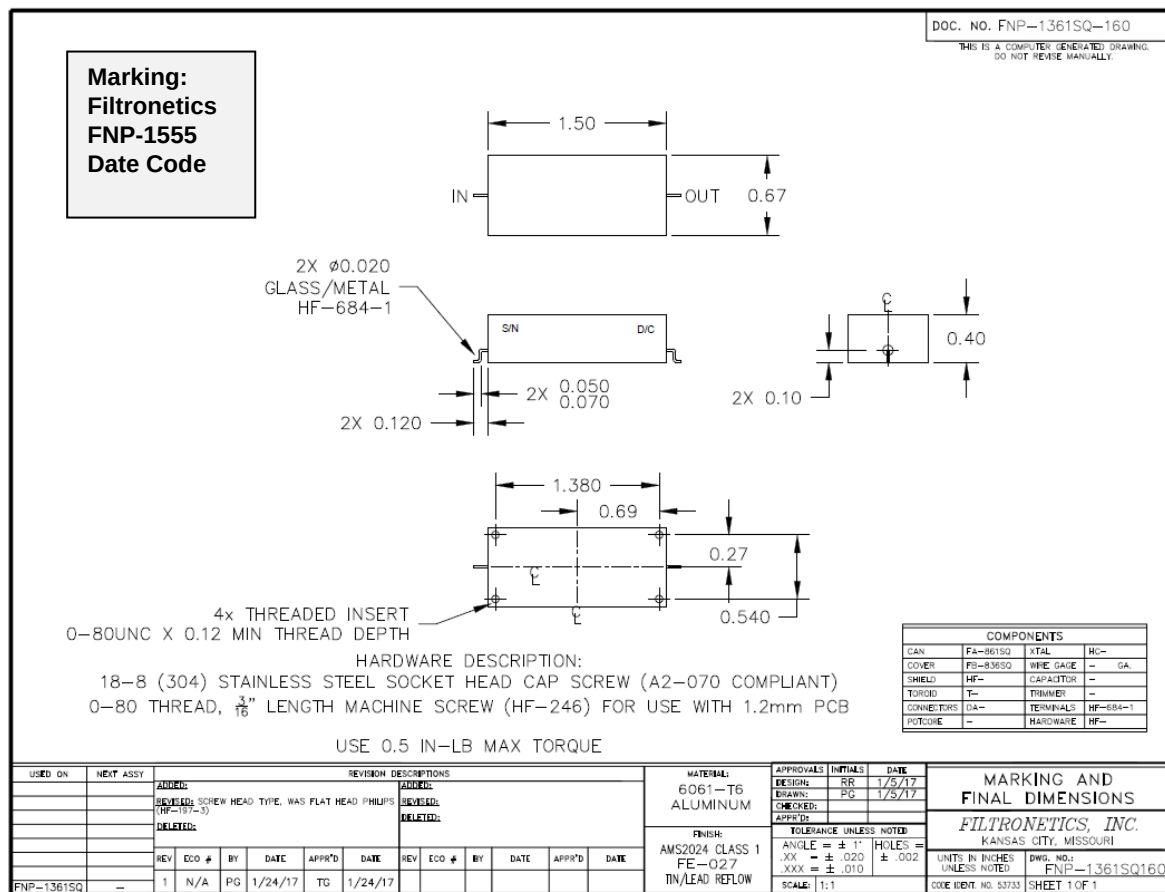
ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
04/18/2025 ^(ASM)	04/18/2025 ^(TG)		
FILTRONETICS Inc			

1. Part Number: FNP-1555**2. Electrical Specifications:**

NO	ITEMS	Ref.	SPECIFICATION
1	Center Frequency (Fo)	a1	2450 MHz
2	3dB Band Width	b1	8 MHz +/- 15%
3	6dB Band Width		11 MHz +/-15%
4	30dB Band Width		36 MHz MAX
5	Insertion Loss At Fo	a1	20 dB Max
6	V.S.W.R		2 : 1
7	Impedance		50 Ω
8	Maximum Input Power		1 W (+30dBm)
9	Operating Temperature Range		-30 - +70°C
10	Workmanship		IPC-610 class 2
11	Process Temperature		+150°C for 1hour or +230°C for 10 minutes

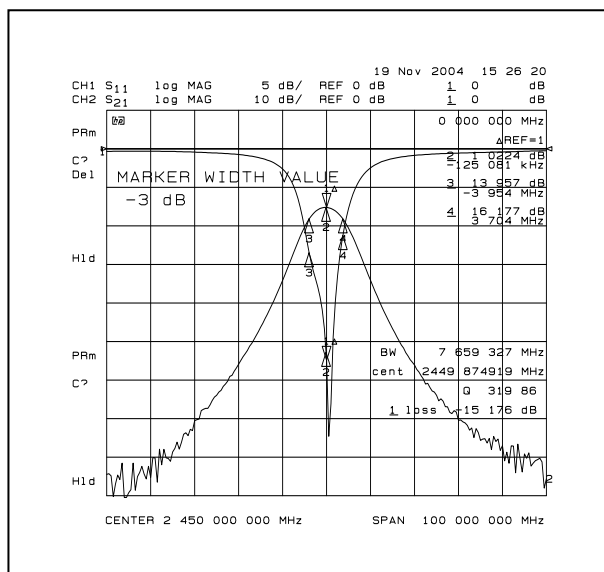
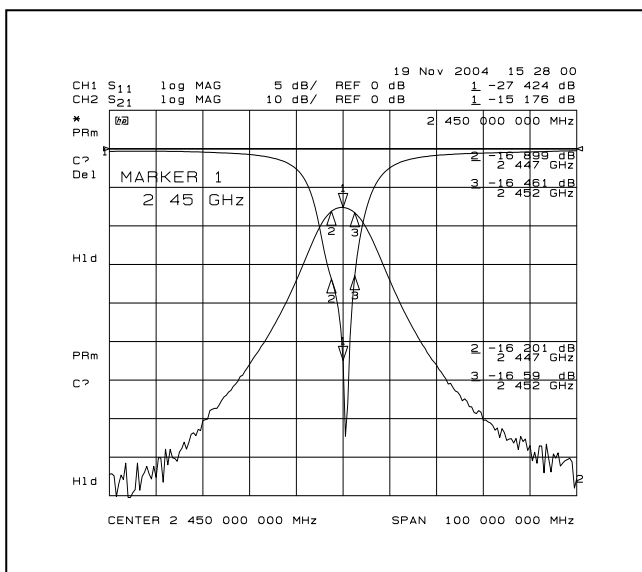
S21 LOG MAG NETWORK ANALYZER**S11 SWR NETWORK ANALYZER**

3. Mechanical Package Style:

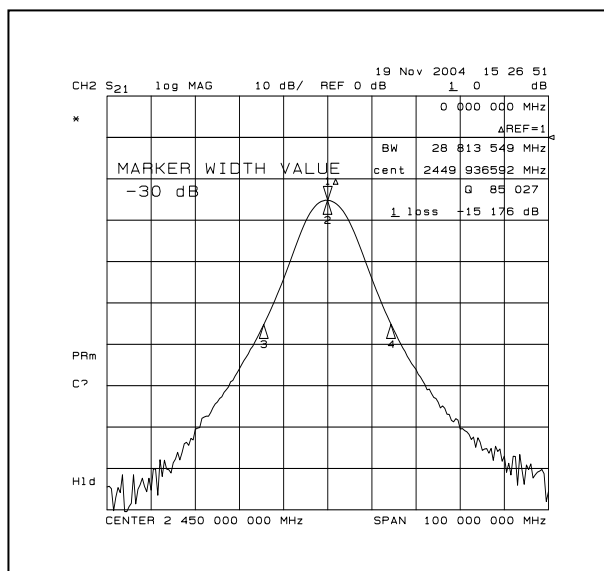
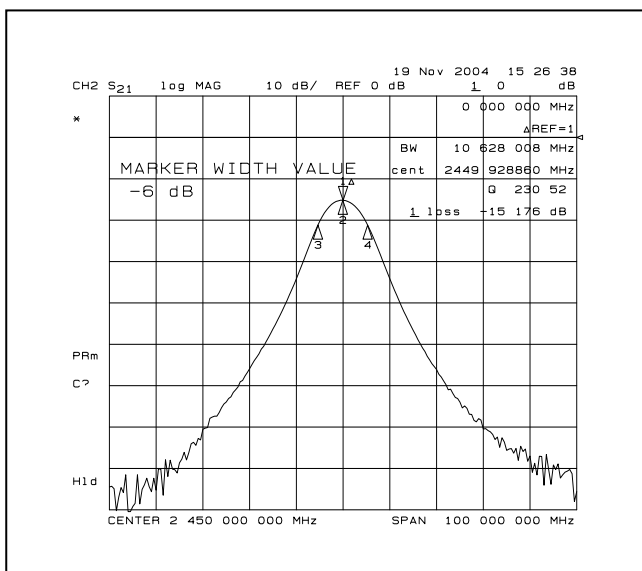


4. GRAPHS:

S21 & S11 (INSERTION LOSS, RETURN LOSS, 3DB BANDWIDTH)



S21 (6DB BAND WIDTH, 30DB BAND WIDTH)



S11 (V.S.W.R , SMITH CHART)