

SPECIFICATION

FILTER SPECIFICATION
COMMERCIALY AVAILABLE

PART NUMBER: FNP-1214

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
9/28/11 DS	12/01/2011 TFG		12/01/2011 GL

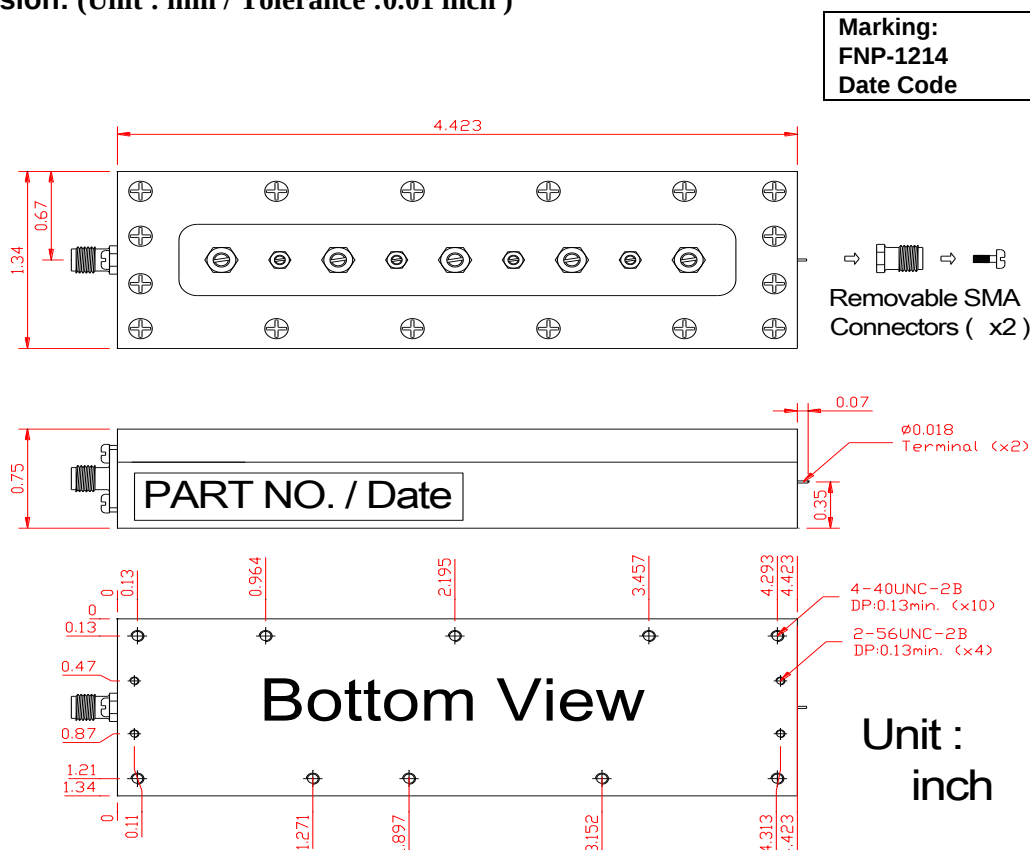
FILTRONETICS Inc

1. Part Number: FNP-1214

2. Electrical Specifications:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	3415
2	Bandwidth	MHz	3400 ~ 3430
3	Insertion Loss in BW	dB	1.1 max.
4	VSWR in BW	dB	1.25 : 1 max. (R.L : 19.1 dB)
5	Attenuation	dB	5 min. @ Fc ±30 MHz 22 min. @ Fc ±40 MHz ~ Fc ±1GHz 65 min. @ 800 ~2700 MHz 50 min. @ 3800 ~ 4200 MHz 50 min. @ 2*Fc & 3*Fc MHz
6	Group Delay Variation	ns	10 max.
7	IN/OUT Impedance	Ω	50
8	Operating Temperature	°C	-40 ~ +85
9	Input Power	W	5 max.(CW) / 50 max.(Pulse)
10	Connector type	-	SMA - Type (f)
11	Finish	-	Bottom : Silver Plated / Rest : White color epoxy paint

3. Dimension: (Unit : mm / Tolerance :0.01 inch)



4. Simulation:

