

SPECIFICATION

COMMERCIALY AVAILABLE

CERAMIC BAND PASS
PART NUMBER: CF-45002156
RoHS

3/5/18 Updated spec for uniformity. Changed Return loss from 15.0 to 14.0 dB,
and Attenuation from 45 to 40 dB

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN	DOCUMENT CHECKED
12/5/11 kn	12/06/2011 TFG		12/06/2011 GL	
9/26/12 kn				
3/5/18 ^(kn)				

FILTRONETICS Inc

1. APPLICATION

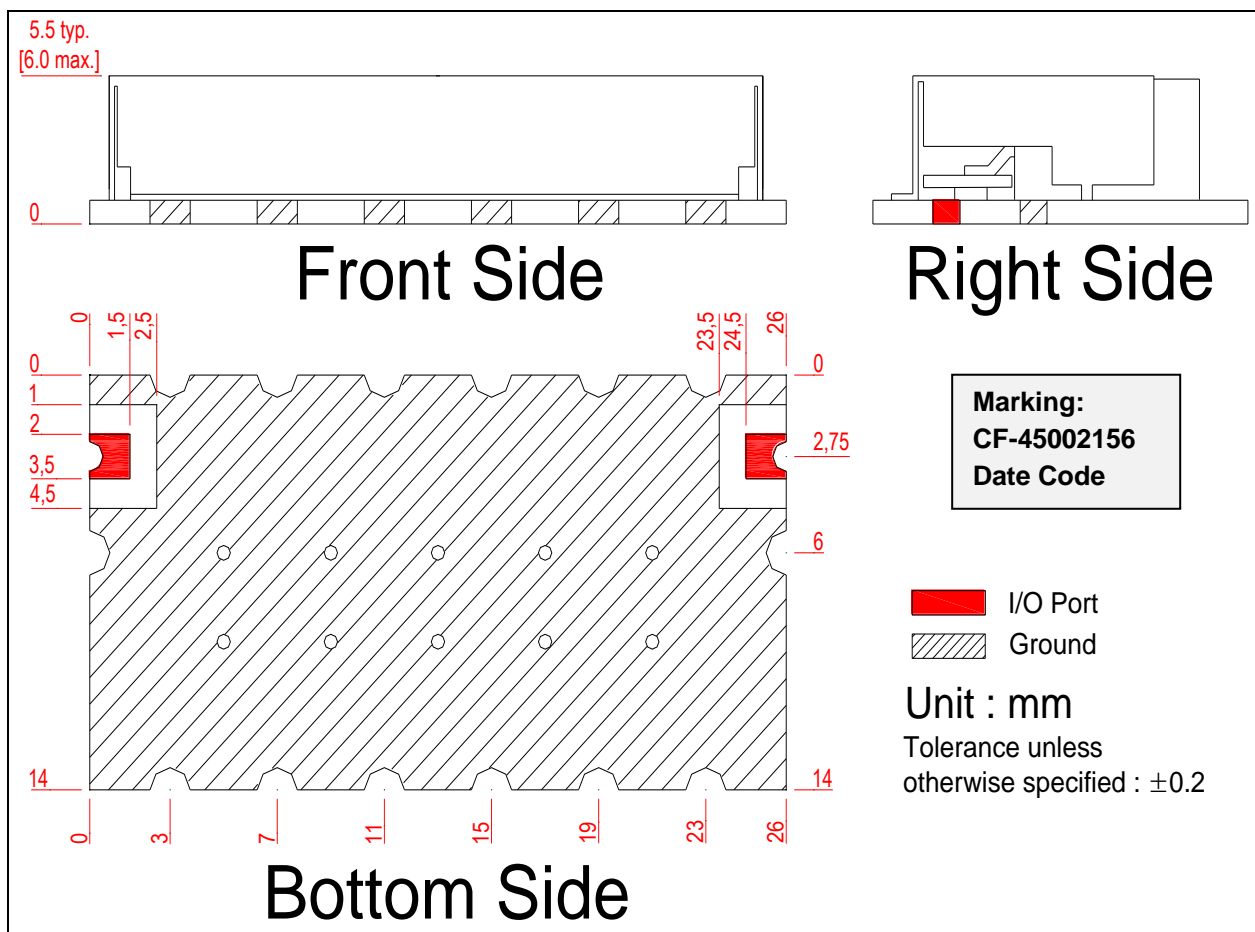
THIS SPECIFICATION APPLIES TO A BAND PASS FILTER, USING DIELECTRIC RESONATORS.

2. PART NUMBER: CF-45002156

3. SPECIFICATIONS:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	4500
2	Pass-Band Bandwidth (BW)	MHz	4392.5 ~ 4607.5 MHz
3	Insertion Loss in BW	dB	3.0 max.
4	Ripple in BW	dB	1.0 max.
5	Return Loss in BW	dB	14.0 min.
6	Attenuation	dB	40 min. @ 4800 MHz
7	Input Power	Watt	1 max.
8	IN/OUT Impedance	Ω	50
9	Operating Temp. Range	$^{\circ}\text{C}$	-40 ~ +70

4. DIMENSIONS: (Unit: mm)



5. SIMULATION:

