

## **FILTRONETICS SHORT FORM SPECIFICATION**

### 1. APPLICATION

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

### 2. PART NUMBER

PART NO	<b>CF-04180244</b>

### 3. SPECIFICATIONS

NO	ITEMS	Ref.	SPECIFICATION
1	Center Frequency (Fo)	a1	418 MHz
2	Pass Band Width (PB)	b1	Fo+/-12 MHz
3	Insertion Loss      IN PB	b1	3.0 dB Max
4	ATTENUATION      AT 556~580 MHz	h1	60 dB Min
	-	-	-
5	V.S.W.R                      IN PB		1.8 :1 MAX
6	Impedance		50 Ohms
7	Maximum Input Power		1 W (+30dBm)
8	Operating Temperature Range		-35 - +75°C

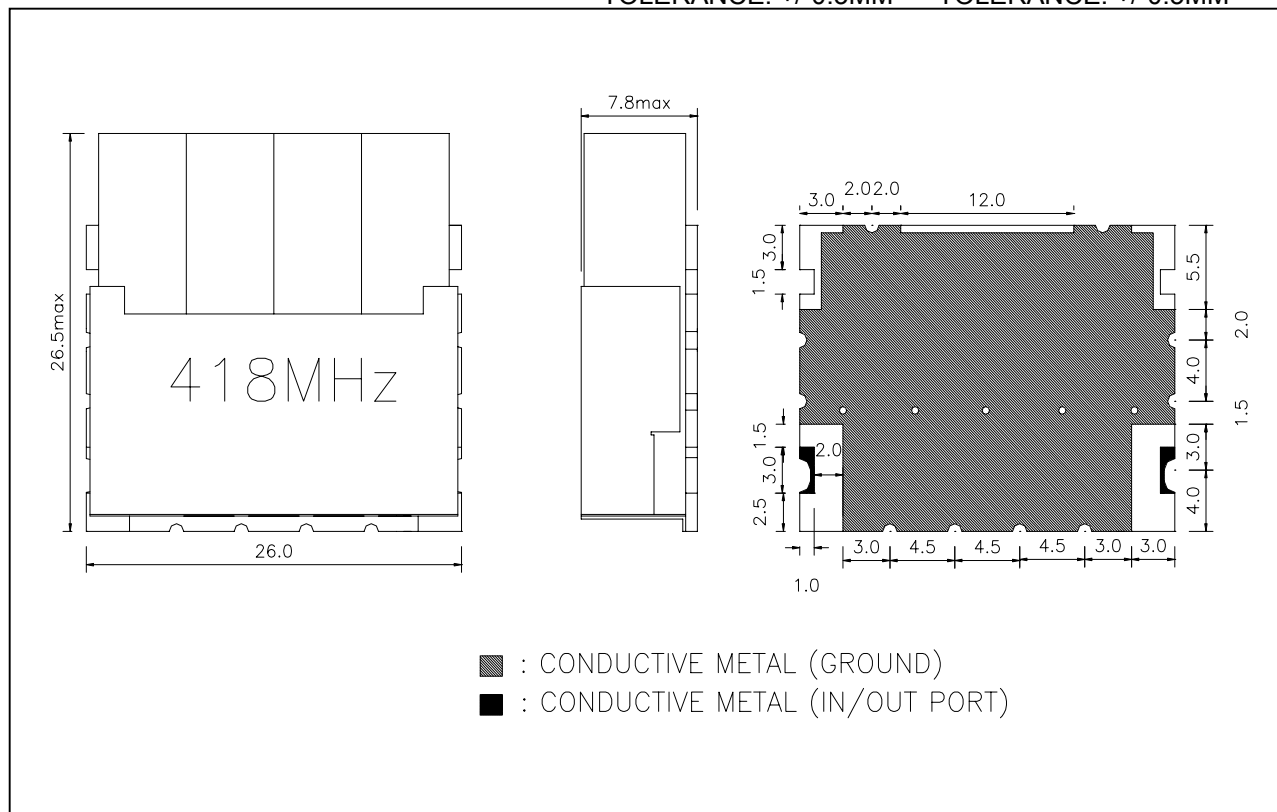
4. DIMENSIONS

IN/OUT LAND

UNIT: MM

TOLERANCE: +/-0.3MM

TOLERANCE: +/-0.5MM



- MATERIAL SPECIFICATION
  1. PCB
    - 1) MATERIAL: FR4
    - 2) TERMINALS: SN or Au PLATED
  2. METAL CASE
    - 1) MATERIAL: Sn OR Ni PLATED
  3. RESONATOR
    - 1) COATING MATERIAL: Ag
    - 2) DIMENSION: 8MM x 8MM

- MARKING
  - Part Number
  - Filtronetics

● CAUTIONS:

1. When handling products, be careful not to damage the outer-electrode.
2. When handling products be careful not to touch the outer-electrode with bare hands or solderability is reduced.
3. Do not apply excessive pressure or shock to product in handling or in transportation or damage to the ceramic filters may result.