

SPECIFICATION

COMMERCIALLY AVAILABLE

ITEM: CAVITY BAND PASS FILTER
PART NUMBER: FNP-1458

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
09/21/2018 ^{AM}			

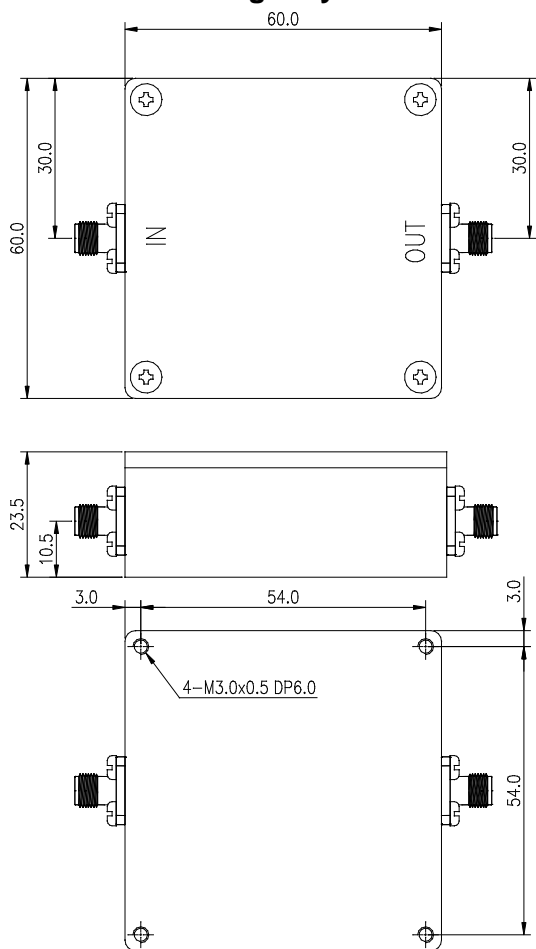
FILTRONETICS Inc

1. Part Number: FNP-1457

2. Electrical Specifications:

No.	Parameter	Unit	Specification
1	Center Frequency	MHz	4600
2	3dB Bandwidth	MHz	$F_c \pm 200$ min. (4400~4800MHz)
3	Insertion Loss in B.W	dB	1.0 max.
4	Ripple in BW	dB	0.6 max.
5	V.S.W.R	-	1.3:1 max.
6	Attenuation	dB	80 min. @ 1~4100Mhz
7	Input Power	W	5 CW avg., max.
8	IN/OUT Impedance	Ω	50
9	IP Rating	-	IP65 (Outdoor usage)
10	Temperature	$^{\circ}$ C	-55 ~ +95
11	Connector	-	SMA (F) – All ports
12	Environment	-	SHIPBOARD Shock of MIL-STD-901D in the order of 8.3 PSI 20 GPa

3. Mechanical Package Style:



4. Graphs:

