

SPECIFICATION

COMMERCIALLY AVAILABLE

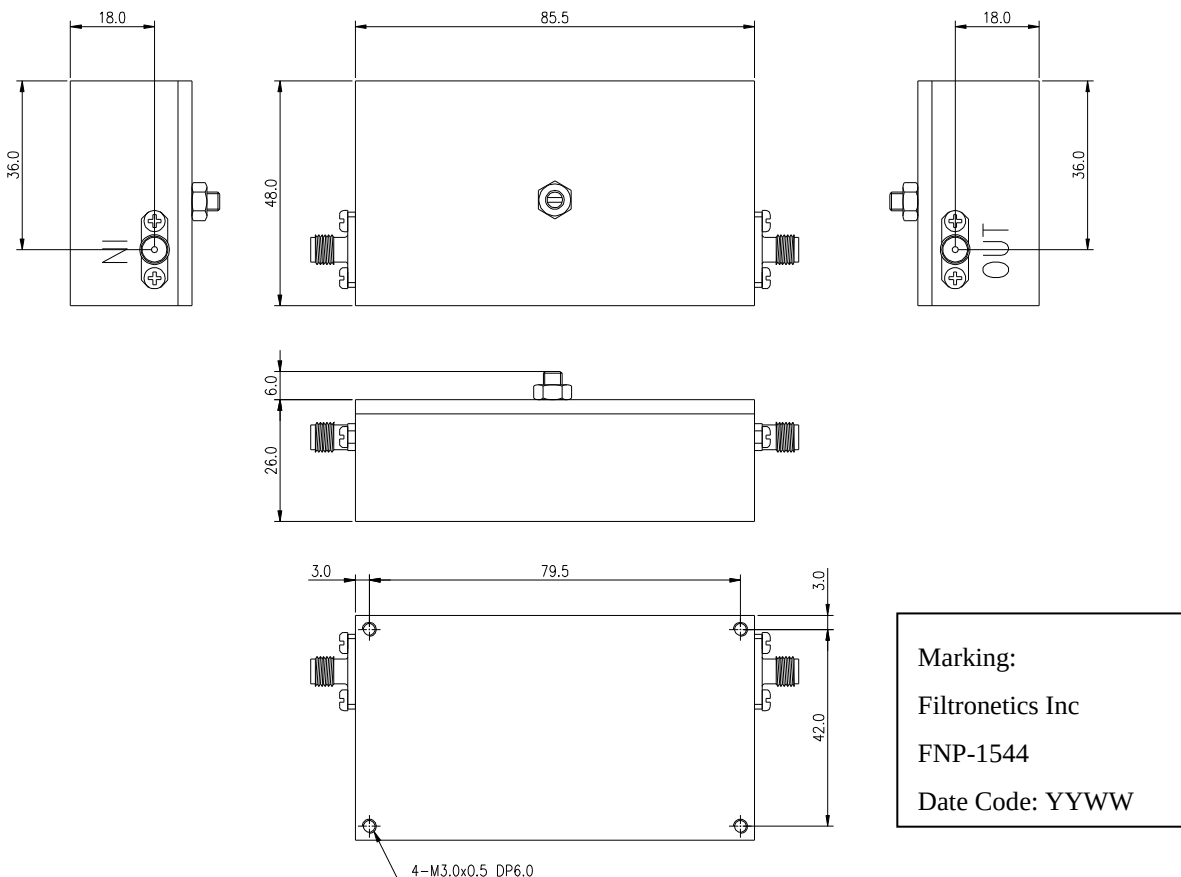
PART NUMBER: FNP-1544
CAVITY FILTER
RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
10/16/2023 ^(ASM)			

FILTRONETICS Inc

1. Part Number: FNP-1544**2. Electrical Specifications:**

Parameter	Unit	Specification
Center Frequency	MHz	1575.42
Bandwidth	MHz	-
Insertion Loss at Fc	dB	1.0 Max.
Ripple in Fc ± 8.25 MHz	dB	0.3 Max.
Ripple in Fc ± 20 MHz	dB	1.0 Max.
Return Loss in Fc ± 20 MHz	dB	18.0 Min.
Rejection	dB	50 min. @ Fc ± 40.92 MHz
Group delay Variation at Fc ± 8.25 MHz	ns	3.0 typ. / 5.0 Max
IN/OUT Impedance	Ω	50
Power Handling	W	10 CW Max.
Operating Temp. Range	°C	15 ~ +45
Connector	-	SMA(Female) – All ports
Finish	-	Black Epoxy Painting

3. Mechanical Package Style:

4. Theoretical Response Plots:

