

SPECIFICATION

COMMERCIALY AVAILABLE

ITEM: SAW BAND PASS FILTER

PART NUMBER: SF05750004

RoHS

ISSUED / REVISION	ENGINEER APPROVED	DOCUMENT CHECKED	DRAFTSMAN
06/09/2021 ^(ASM)	06/10/2021 ^(TG)		

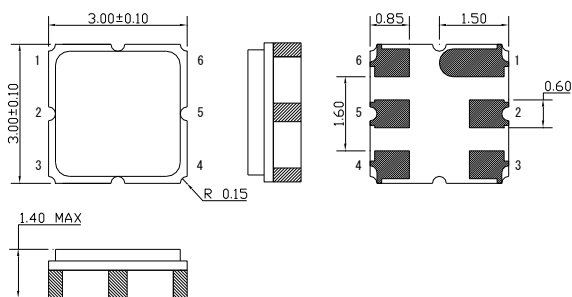
FILTRONETICS Inc

1. Electrical Specifications:

		Minimum	Typical	Maximum
Center Frequency (Fc)	MHz	-	574.5	-
Bandwidth	MHz	-	0.4	-
Insertion Loss (574.3 ~ 574.7 MHz)	dB	-	2.7	4.0
Amplitude Ripple (574.3 ~ 574.7 MHz)	dB	-	0.3	0.8
Absolute Attenuation				
~ 568.5 MHz		30	45	
568.5 ~ 573.5 MHz	dB	15	20	
575.5 ~ 580.5 MHz		15	22	
580.5 ~ 1000.0 MHz		20	30	-
1000.0 ~ 2500.0 MHz		15	20	
Operating Temperature Range	°C	-30	25	85
Power Handling Capability	dBm	-	-	10
Input/Output Impedance	Ohms	-	50	-

*All specifications are based on simulation data and Filtronetics reserves the right to amend the specification once sample filters are produced

2. Package Dimensions:



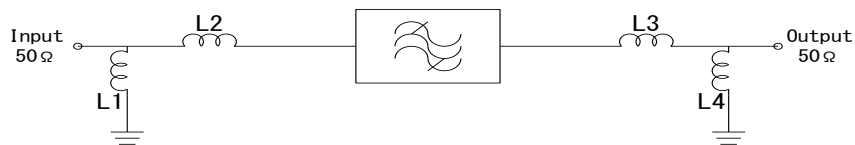
UNIT: MM
 Tolerance: +/-0.3MM
 Marking:
 Too small for marking

Body : Al₂O₃ Ceramic
 Lid : Kovar, Ni Plated
 Terminations : Au plating 0.3 ~ 1.0 um, Over a 1.27 ~ 8.89 um
 Ni Plating

TBD

Pin Configuration			
Input	2	Output	5
Ground	Others		

3. Test Circuit: (Matching to be determined after production)



4. Theoretical Response Plots: (at 25°C)

