



Band Reject/ Notch Filter (S-Band)

P/N: SBNF-MEC-2324

FEATURES:

- Low Cost, High Quality
- Compact Size, Light Weight
- High Performance
- Wide Operation Temperature Range
- Band Reject/Notch Filter with 45dB Attenuation
- Bandwidth 150MHz min

APPLICATIONS:

- Frequency selection
- Radar/EW system
- Air borne application

ELECTRICAL SPECIFICATIONS @25C:



RF Parameter	
Frequency Range	2300—2400MHz
RF Connectors	50Ω SMA
Pass Band Insertion Loss (dB)	≤1 dB
Return Loss (dB)	12dB min
Pass Band	20MHz to 2.1GHz & 2.6GHz to 6GHz
Rejection	≥35dB@ 2350 ≥44dB@ 2400MHz ≥35dB@ 2450MHz
Group Delay Time Flatness	5nsec Max
VSWR	1.3:1 Ratio
Power Handling (CW)	50 W
Operating Temperature	-40° to +85°

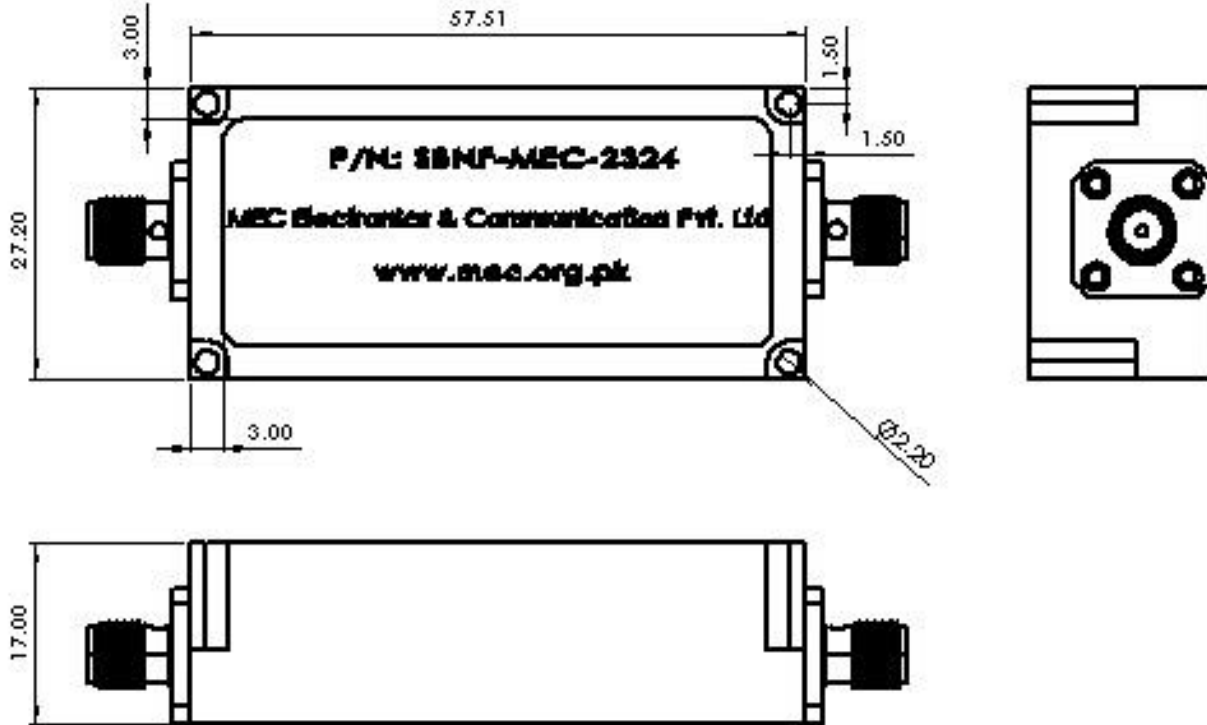


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MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions(L*W*H)	57.51*27.2*17	Min	Millimeter
RF Connectors Input	SMA-F		
RF Connectors Output	SMA-F		
Impedance	50		Ohms

PHYSICAL DIMENSIONS:

NOTE: All Dimensions are in mm.



FILTER TEST RESULTS:

