

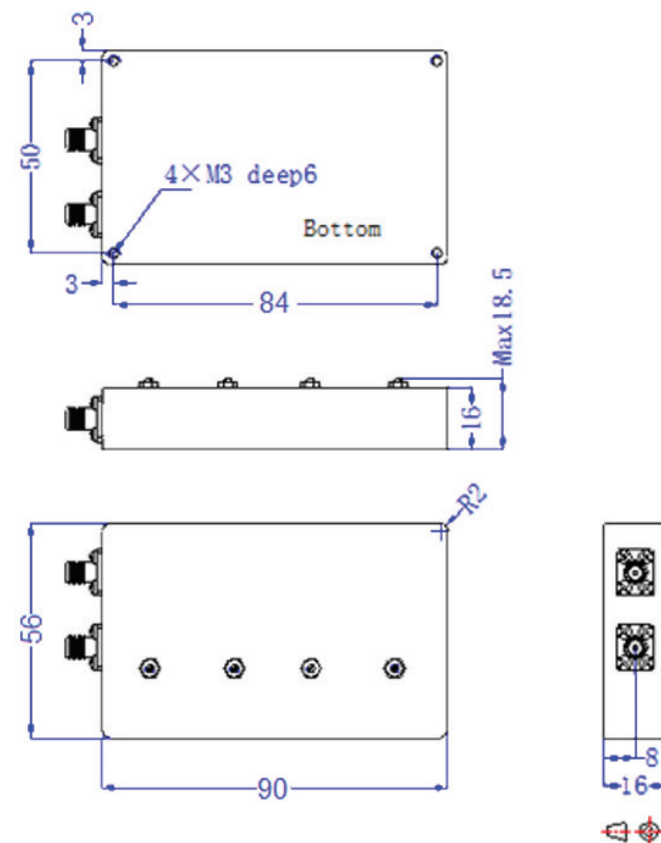
500-3000MHZ B.P.F FCB

Model: FCB-0.5G03-E50M20-S01

N0.	ELECTRICAL SPECS		REMARK
1.1	Frequency Range	500-3000Mhz	OK
1.2	Insertion Loss	$\leq 1.6\text{dB}@500-3000\text{Mhz}$	Approved
1.3	Ripple:	$\leq \pm 0.6\text{dB}$	Approved
1.4	Return Loss:	$\geq 15\text{dB}$	Approved
1.5	Rejection	$\geq 30\text{dB}@420\text{Mhz}$ $\geq 60\text{dB}@DC-400\text{Mhz}$ $\geq 17\text{dB}@3050\sim 9000\text{Mhz}$ $\geq 60\text{dB}@4000-9000\text{Mhz}$	Approved
1.6	Connector	SMA-Female	OK
1.7	Handling power	5W (CW) Max	OK
1.8	Weight	230g Max	TBD
1.9	Impedance	230g Max	OK
1.10	Operating temperature	$-20^{\circ}\text{C}\sim +70^{\circ}\text{C}$	OK
1.11	Finish	Black Paint	OK

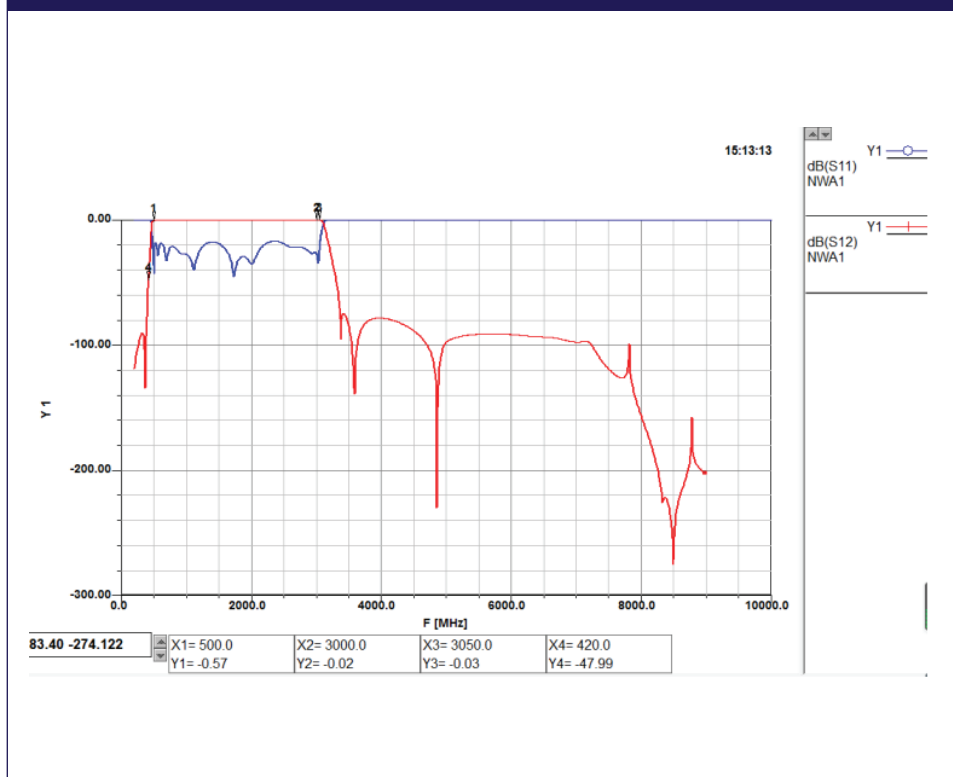
OUTLINE DRAWING: (mm $\pm 0.2\text{mm}$)

Tolerance: $\pm 0.2\text{mm}$



SIMULATION:

INSERTION LOSS



FAR END REJECTION

