

SPECIFICATION



Dual Band SMD Filter

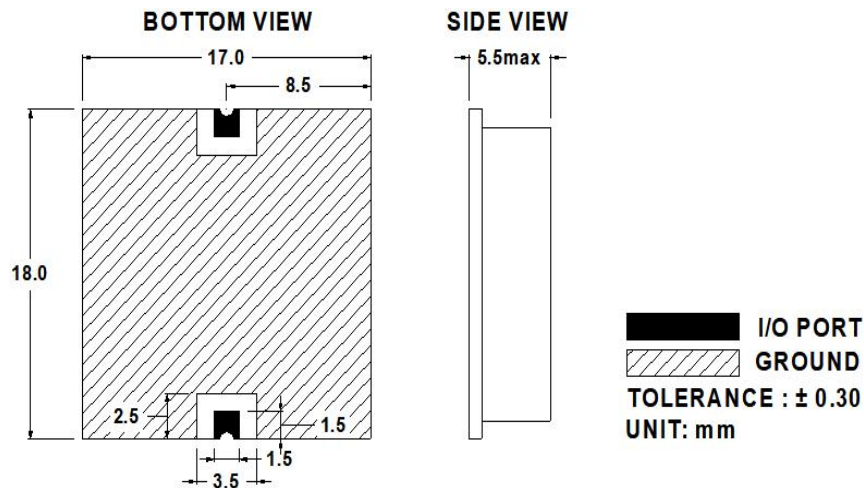
Part No.: _____
 Customer: _____
 Date: 2023.12.01
 Lot No.: _____ Q'ty: pcs

Written by	Checked by	Approval
FL Lai	PH Jiang	CK Chang

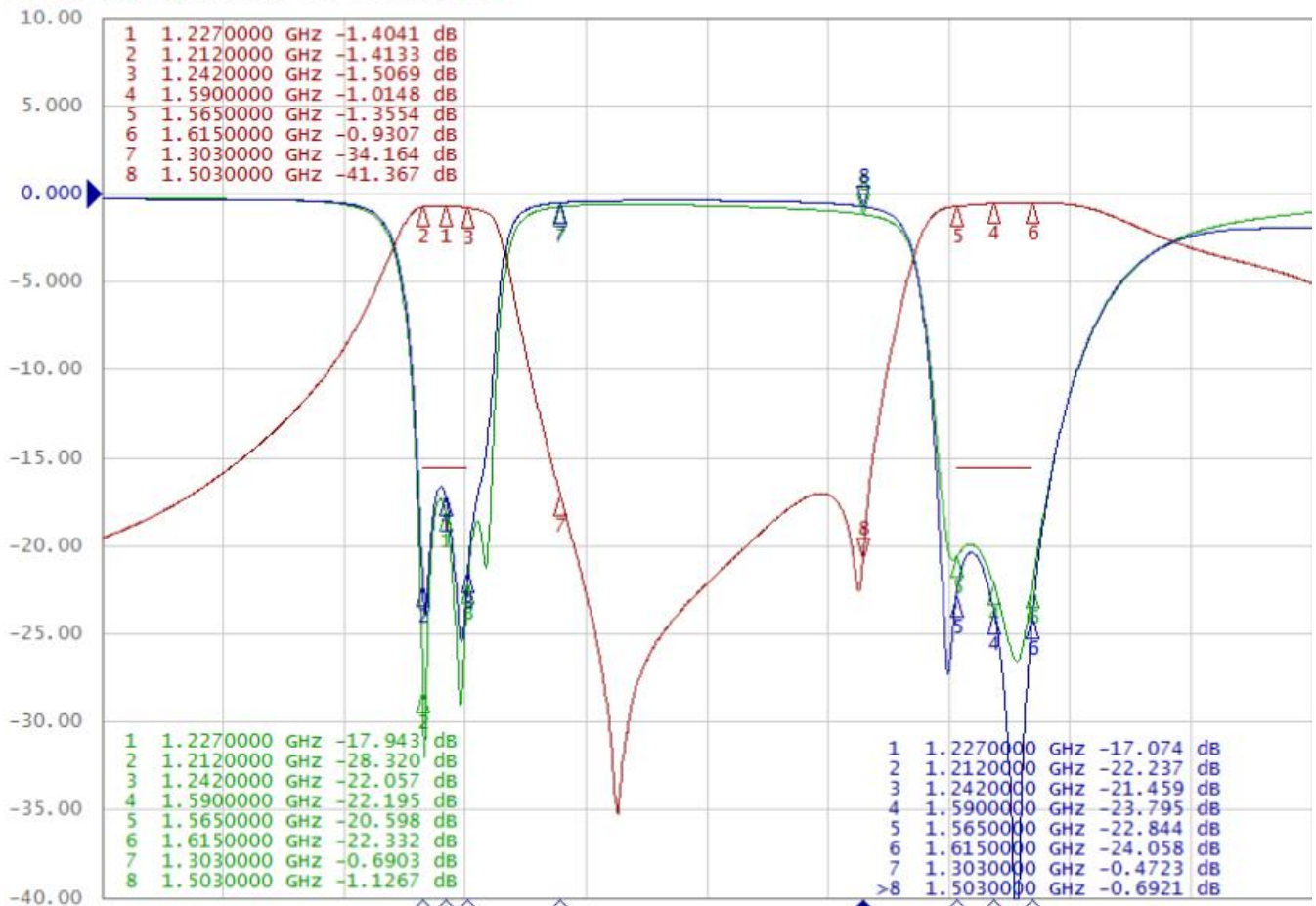
ELECTRICAL SPECIFICATIONS

ITEM	CH1	CH2	UNIT
1 Center freq[f ₀]	1227.0	1590.0	MHz
2 Bandwidth [BW]	[1212.0~1242.0]	[1565.0~1615.0]	MHz
3 Insertion Loss in BW	2.0 max	2.0 max	dB
4 Pass Band Ripple	0.5 max	0.5 max	dB
5 VSWR in BW	1.4 max	1.4 max	Ratio
6 Stop Band Rejection	30 dB min. @ [1303.0~1503.0]		MHz
7 Input Power	2.0		W
8 In/Out Impedance	50.0		Ω
9 Operation Temperature Range	-40°C to +85°C		°C

MECHANICAL SPECIFICATIONS



PERFORMANCE



SOLDERING CONDITIONS

1. Please ensure that it is a good ground area between GROUND and I/O PORT when you solder the product. In order to have a good grounding, please fix welding side pin at the bottom after reflow soldering.
2. The below is recommended reflow temperature curve. Due to different substrate and reflow soldering equipment, actual temperature curve is confirmed by case.
3. If it occurs to need manual soldering, the temperature should be 350°C, but not over 3 times, and reflow and manual soldering should not be over 3 times.
4. Soldering can only be for PCB packaging product. It is forbidden for ceramic dielectric product.

