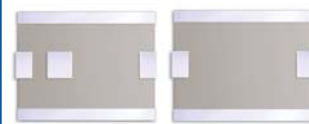


SMD 2.45GHz Dielectric Band Pass Filter

ADFC21-2450.00-F-T



RoHS
Compliant



2.0 x 1.25 x 0.95 mm

FEATURES:

- Low Insertion Loss 2.8dB max
- Excellent attenuation
- 2.0 x 1.25 x 0.95mm SMD

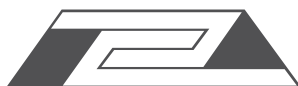
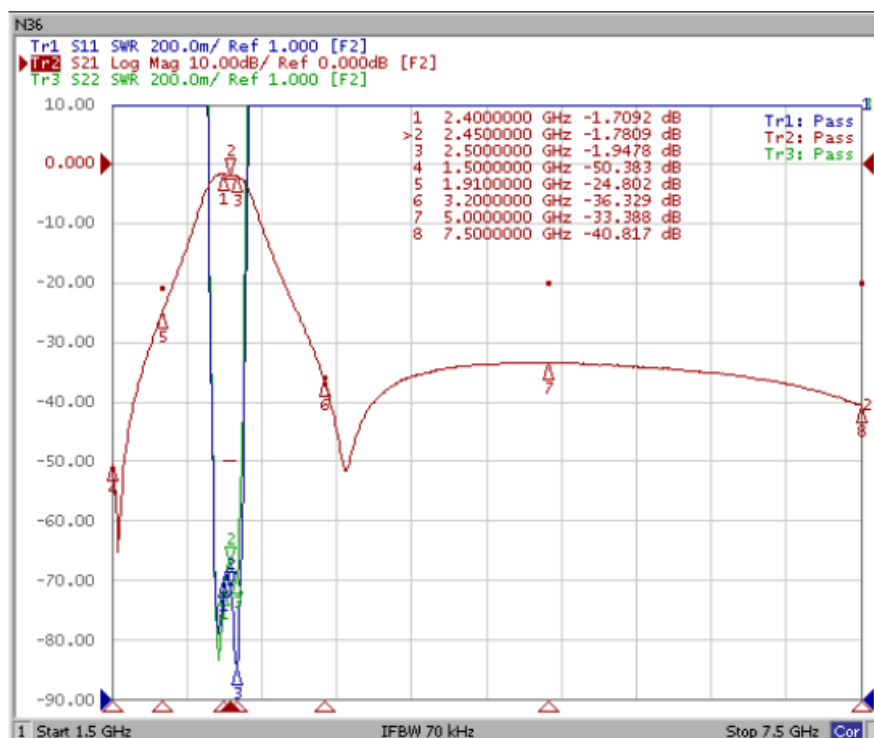
APPLICATIONS:

- WLAN
- DSTV
- Cordless phone

STANDARD SPECIFICATIONS:

Parameters	Minimum	Typical	Maximum	Units	Notes
Center Frequency (f ₀)		2,450.00		MHz	
Passband width	2,400.00	-----	2,500.00	MHz	
Insertion Loss (2,400 ~ 2,500MHz)	-----	-----	2.8	dB	at +25 ±5°C
	-----	-----	3.2	dB	-40 ~ +85°C
Amplitude Ripple	-----	-----	1.0	dB	
V.S.W.R	-----	-----	2.0		2,400 ~ 2,500MHz
Relative Attenuation (Reference level: 0dB)	25	-----	-----	dB	695 ~ 800 MHz
	25	-----	-----		at 1,910 MHz
	35	-----	-----		at 3,200 MHz
	20	-----	-----		4,800 ~5,000 MHz
	20	-----	-----		7,200 ~7,500 MHz
Terminating Source Impedance (Z _s)	-----	50	-----	Ω	
Terminating Load Impedance (Z _L)	-----	50	-----	Ω	
Operation Temperature Range	-40	-----	+85	°C	
Storage Temperature Range	-40	-----	+85	°C	
Permissive Input Power	-----	-----	1.0	W	

CHARACTERISTIC CURVE:

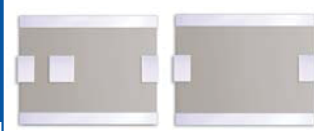


SMD 2.45GHz Dielectric Band Pass Filter

ADFC21-2450.00-F-T

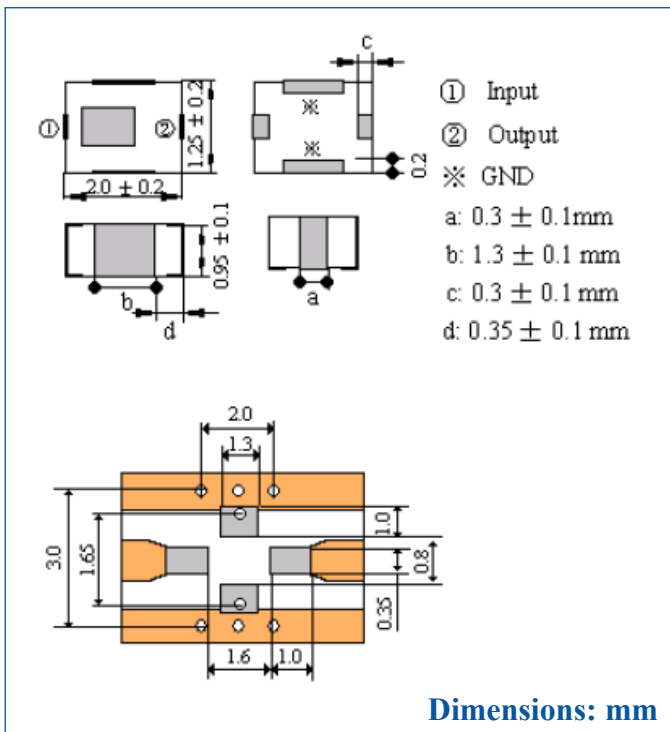


RoHS
Compliant

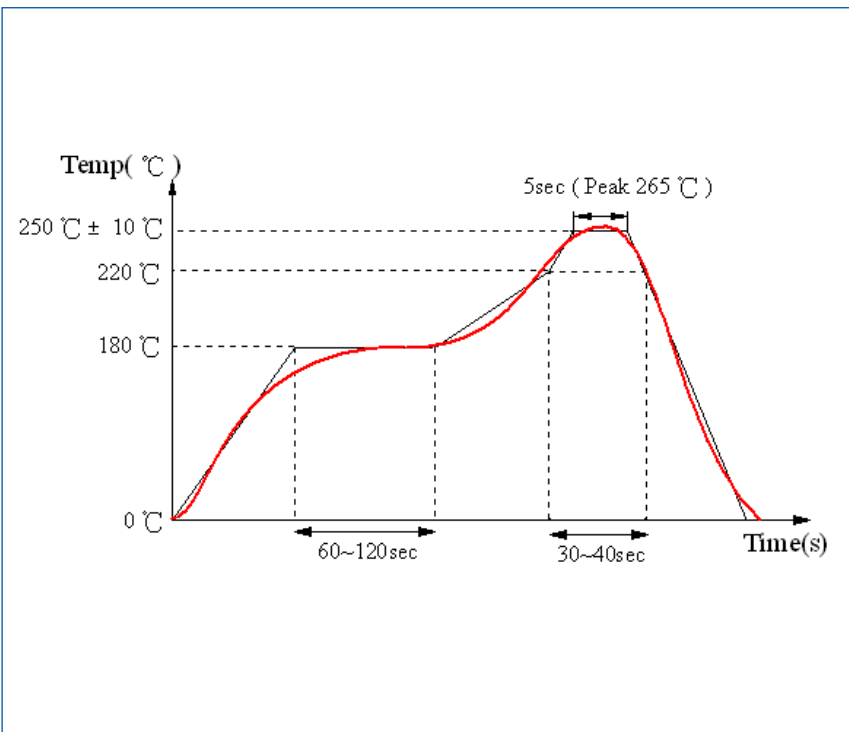


2.0 x 1.25 x 0.95 mm

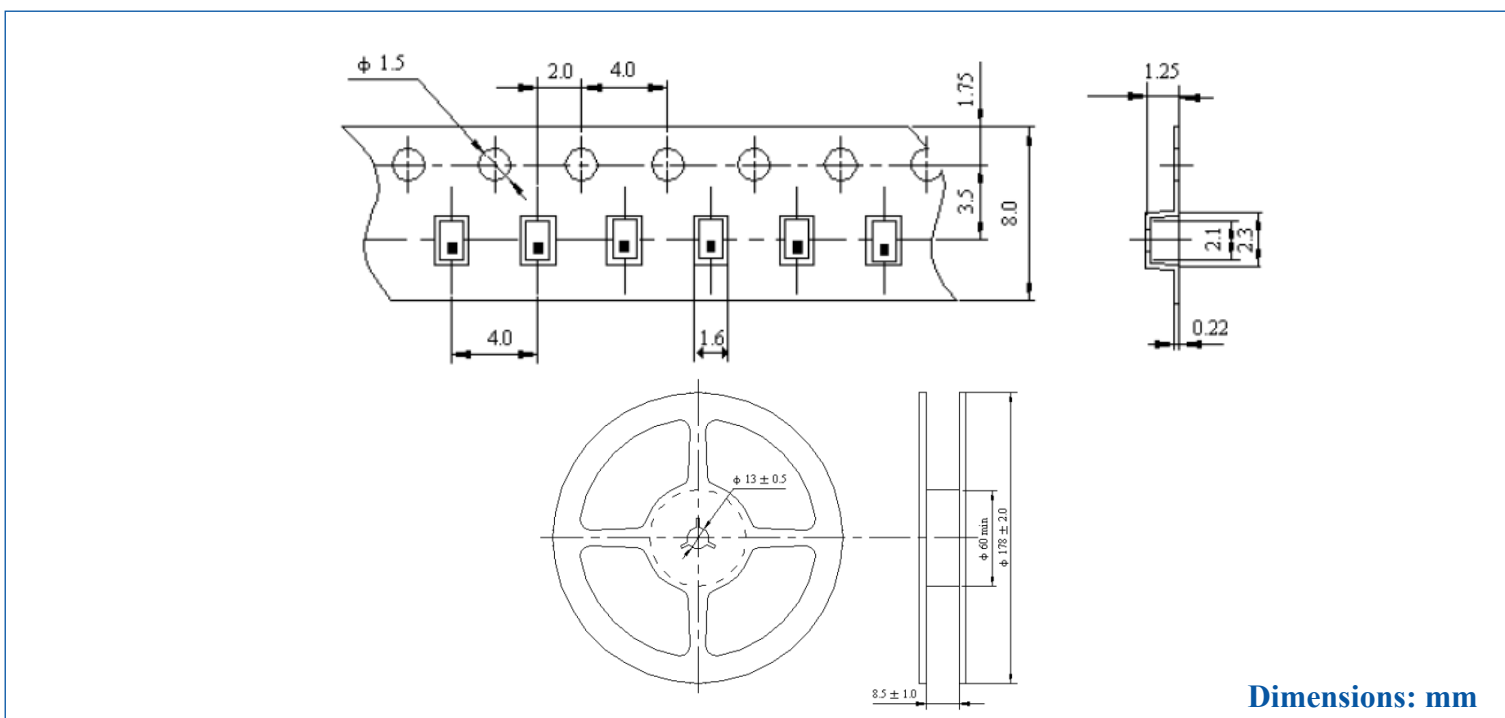
OUTLINE DRAWING:



REFLOW PROFILE:



TAPE & REEL: 4,000pcs/reel



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