

Surface Acoustic Wave Filters



PAFC Series



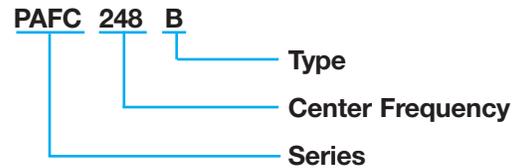
FEATURES

- Small and low profile
- Ceramic package type
- Flat pass band characteristics
- Low insertion loss
- Circuit simplification

APPLICATIONS

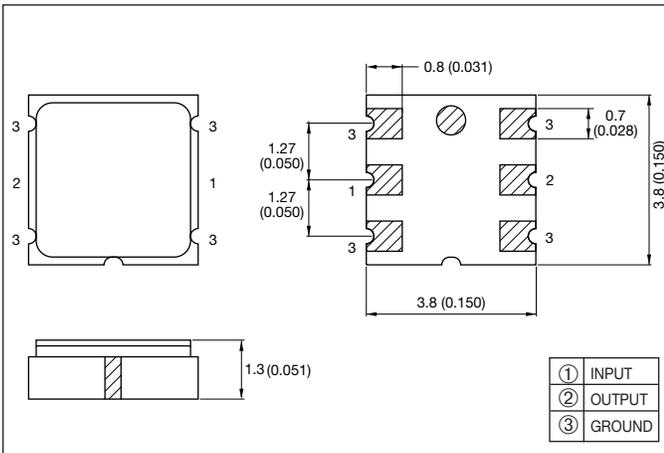
- PHS

HOW TO ORDER

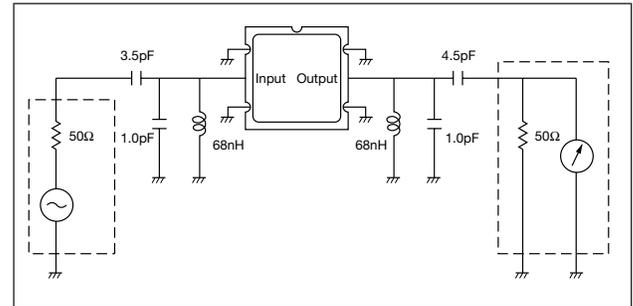


DIMENSIONS

millimeters (inches)



TEST CIRCUIT

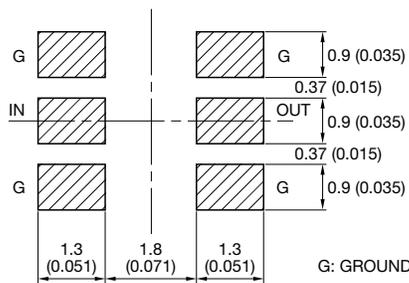


SPECIFICATIONS

Part Number	Normal Center Frequency (Fn)	Insertion Loss	Pass Band Width (at 3dB)	Stop Band Attenuation			Ripple (fn±110kHz)	Group Delay Time (fn±110kHz)	Operating Temperature
				fn±600kHz	fn±1.2kHz	fn±faMHz*			
PAFC248B	248.45MHz	4.0dB max.	±130kHz min.	30dB min.	40dB min.	60dB min.	1.5dB max..	1.2μs max.	-10 to 60°C
PAFC243B	243.95MHz	4.0dB max.	±130kHz min.	30dB min.	40dB min.	60dB min.	1.5dB max..	1.2μs max.	-10 to 60°C

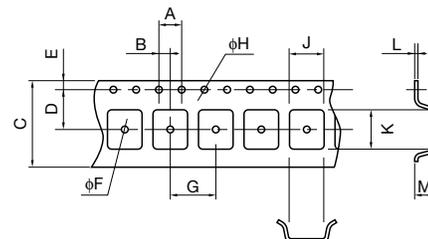
RECOMMENDED LAND PATTERN

mm (inches)



TAPING DIMENSION

mm (inches)



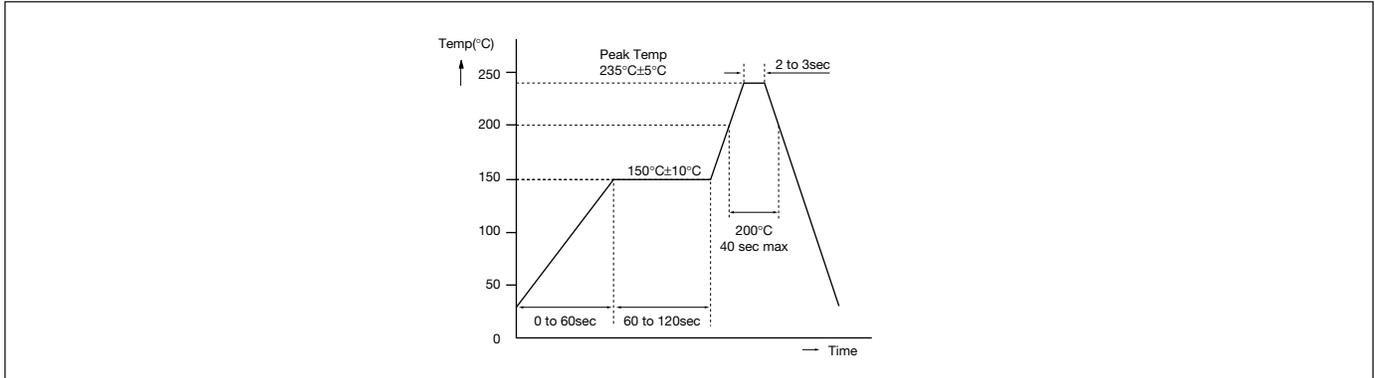
Code	A	B	C	D	E	F	G	H	J	K	L	M
Dim.	4.00 (0.157)	2.00 (0.079)	12.0 (0.472)	5.50 (0.217)	1.75 (0.069)	1.55 (0.061)	8.00 (0.315)	1.55 (0.061)	4.30 (0.169)	4.30 (0.169)	0.30 (0.012)	2.05 (0.081)

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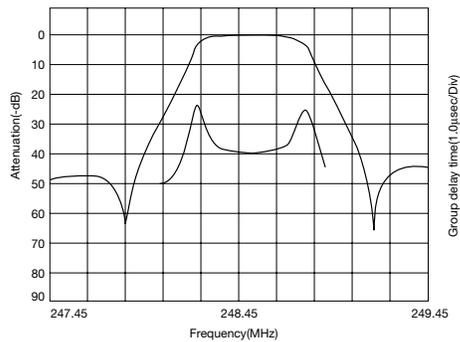
PAFC Series

RECOMMENDED TEMPERATURE PROFILE IR REFLOW

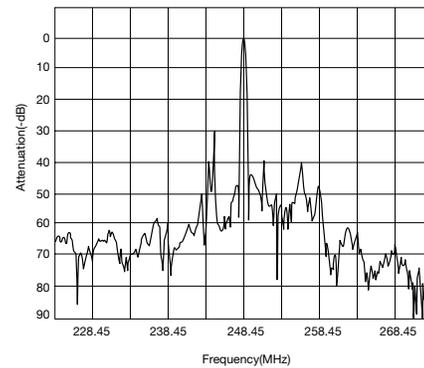


CHARACTERISTICS

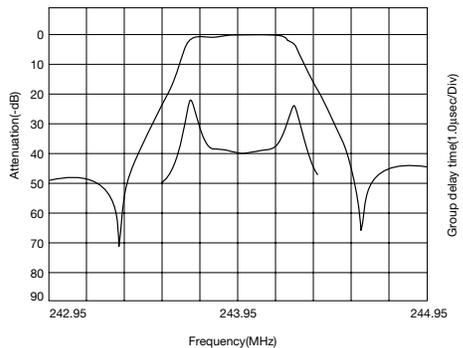
PAFC248A Pass Band Characteristics



PAFC248A Spurious Characteristics



PAFC243B Pass Band Characteristics



PAFC243B Spurious Characteristics

