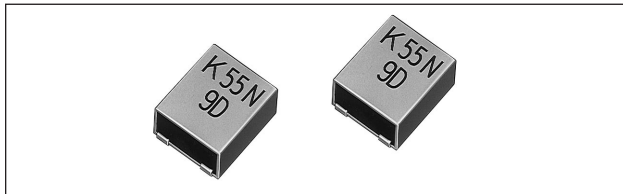


KHz Band Ceramic IF Filters (SMD)

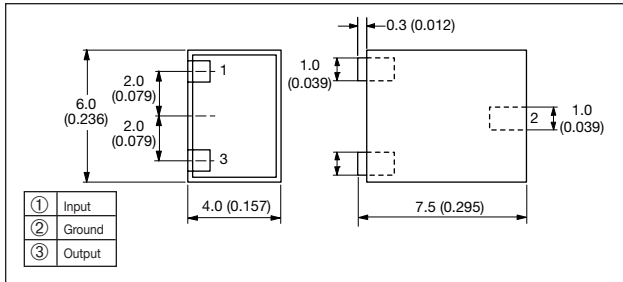


PBFC-P Series

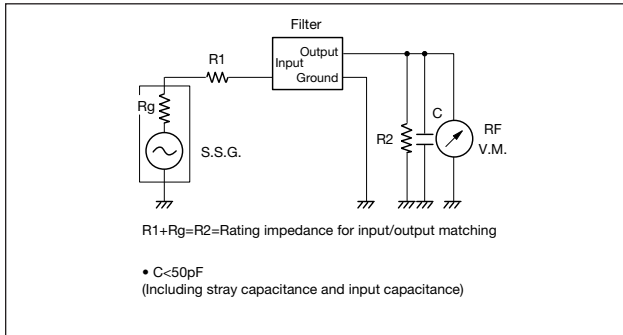


DIMENSIONS

millimeters (inches)



TEST CIRCUIT



FEATURES

- Small and low profile
- Excellent anti-shock performance
- Reflow solderable
- First class auto placement

APPLICATIONS

- Cellular phone
- Walkie & Talkie (Citizens band, MCA)
- Car audio (AM radio section)
- Cordless phone

HOW TO ORDER

PBFC - 455 P 12 D R

Packaging

R = Taping, 1,000 pcs/reel
Nil = Bulk

Application

D = General purpose
K = Group delay flat type (telecom)

Pass Band-Width (kHz) at 6dB

Number of Element

P = 4 Elements

Center Frequency (kHz)

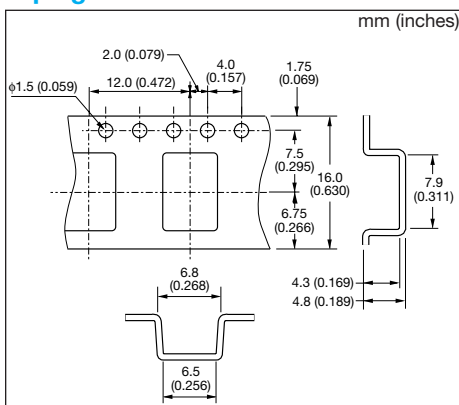
[450-460kHz available]

Model

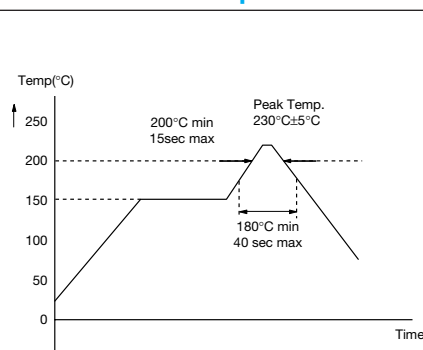
SPECIFICATIONS

Part Number	Center Frequency (f ₀)	Ripple	Group Delay Time	Pass Band Width		Attenuation	Insertion Loss	Input/Output Matching Impedance	Operating Temperature		
				6dB	40dB						
PBFC455P20D	455kHz ±1.5kHz	2dB max.	—	±10.0kHz min.	±20.0kHz max.	25dB min.	6dB max.	1.5kΩ	-20°C to +80°C		
PBFC455P15D				±7.5kHz min.	±15.0kHz max.						
PBFC455P12D				±6.0kHz min.	±12.5kHz max.						
PBFC455P9D				±4.5kHz min.	±11.0kHz max.						
PBFC455P6D	455kHz ±1.5kHz	1dB max.	15μSec max. at 455kHz±10kHz	±3.0kHz min.	±9.0kHz max.			1.0kΩ			
PBFC455P4D				±2.0kHz min.	±7.5kHz max.						
PBFC455P30K	455kHz ±1.5kHz			15μSec max. at 455kHz±8kHz	±15.0kHz min.					±35.0kHz max.	
PBFC455P25K					30μSec max. at 455kHz±7kHz					±12.5kHz min.	±30kHz max.
PBFC455P20K			±10.0kHz min.		±22.0kHz max.						

Taping Dimension



Recommended Temperature Profile



Recommended Land Pattern

