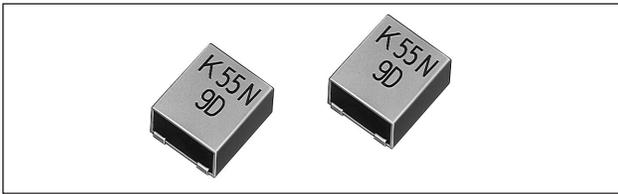


KHz Band Ceramic IF Filters (SMD)

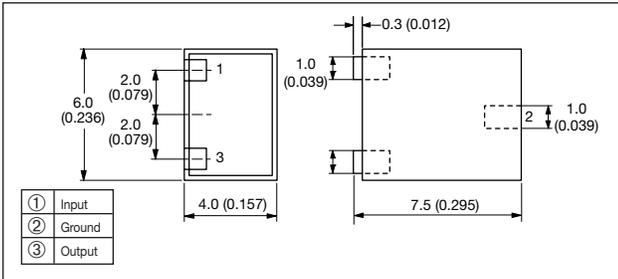


PBFC-P Series

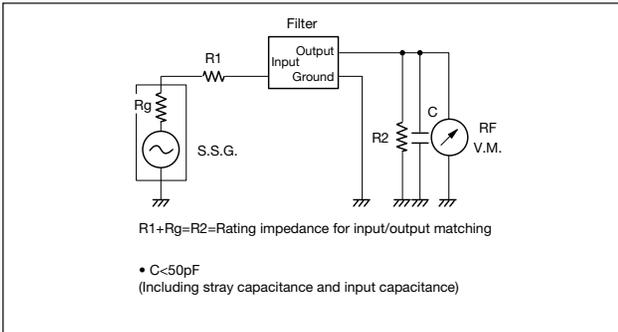


DIMENSIONS

millimeters (inches)



TEST CIRCUIT



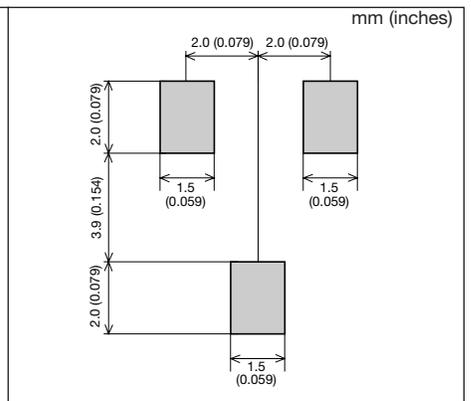
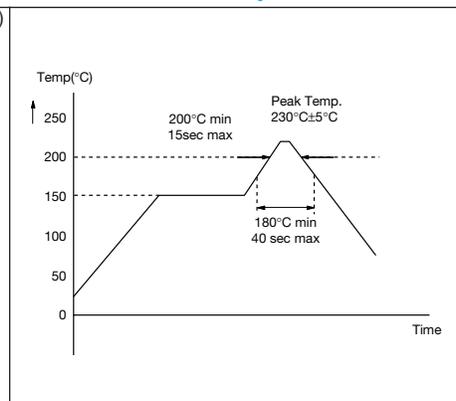
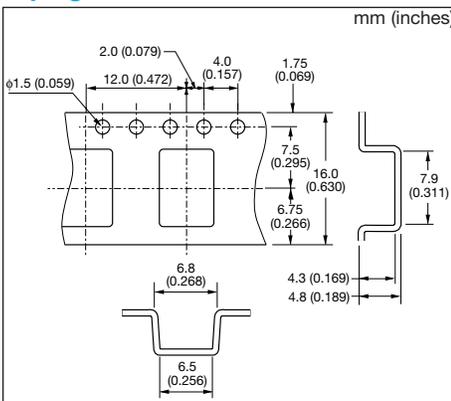
SPECIFICATIONS

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.	25dB min.	6dB max.	1.0kΩ	-20°C to +80°C
PBFC455P4D				±2.0kHz min.	±7.5kHz max.				
PBFC455P30K	455kHz ±1.5kHz	1dB max.	15µSec max. at 455kHz±8kHz	±15.0kHz min.	±35.0kHz max.	25dB min.	6dB max.	1.0kΩ	-20°C to +80°C
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



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