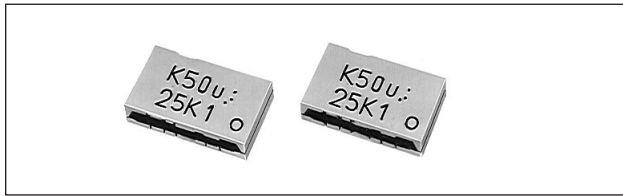


KHz Band Ceramic IF Filters (SMD)

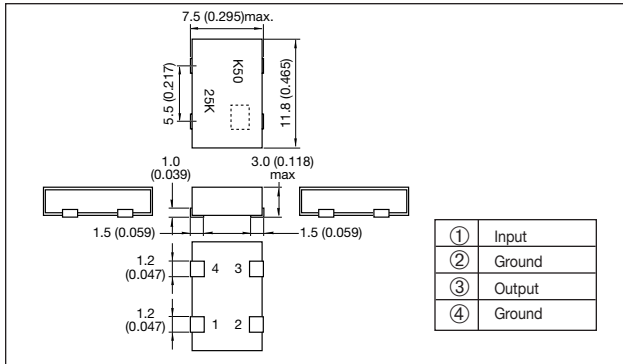


PBFC-R Series

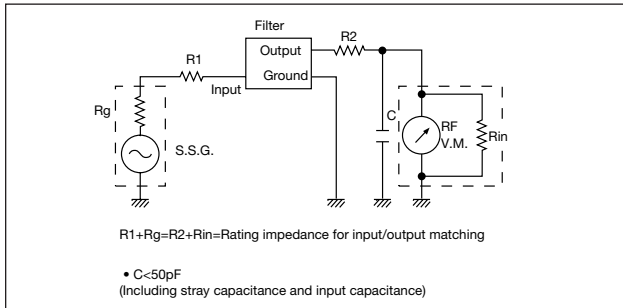


DIMENSIONS

millimeters (inches)



TEST CIRCUIT



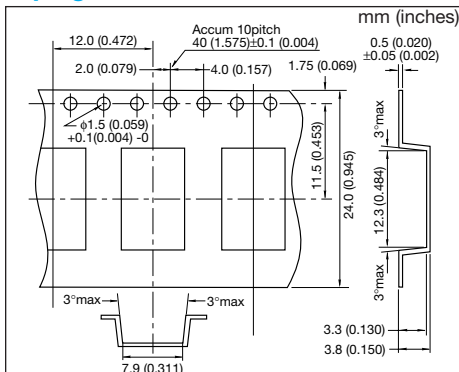
SPECIFICATIONS

Part Number	Center ¹ Frequency (f_0)	Ripple	Group Delay Time	Pass Band Width		Stop Band Attenuation	Insertion Loss	Input/Output Matching Impedance
				6dB	40dB			
PBFC455R9D	455kHz $\pm 1.5\text{kHz}$	2.0dB max.	—	$\pm 4.5\text{kHz min.}$	$\pm 11.0\text{kHz max.}$	40dB min.	6dB max.	1.5k Ω
PBFC455R15D				$\pm 7.5\text{kHz min.}$	$\pm 15.0\text{kHz max.}$			
PBFC455R20D				$\pm 10.0\text{kHz min.}$	$\pm 20.0\text{kHz max.}$			
PBFC455R20K	455kHz	1.0dB max.	30.0 $\mu\text{Sec max.}$ at 455 $\pm 7.0\text{kHz}$	$\pm 10.0\text{kHz min.}$	$\pm 25.0\text{kHz max.}$	45dB min.	6dB max.	1.0k Ω ² (1.5k Ω)
PBFC455R25K			30.0 $\mu\text{Sec max.}$ at 455 $\pm 8.0\text{kHz}$	$\pm 12.5\text{kHz min.}$	$\pm 30.0\text{kHz max.}$			
PBFC455R320K			30.0 $\mu\text{Sec max.}$ at 455 $\pm 10.0\text{kHz}$	$\pm 14.0\text{kHz min.}$	$\pm 35.0\text{kHz max.}$			

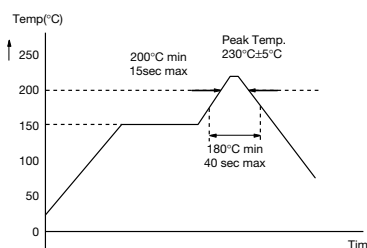
¹ 450-460kHz center frequency available

² 1.5k Ω option in type K

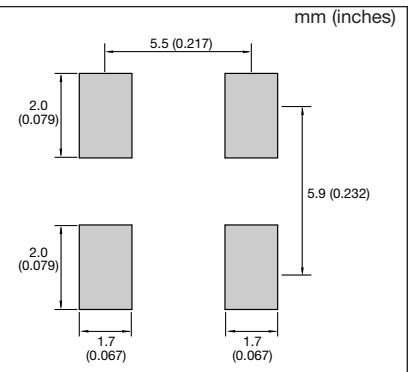
Taping Dimension



Recommended Temperature Profile



Recommended Land Pattern



KYOCERA