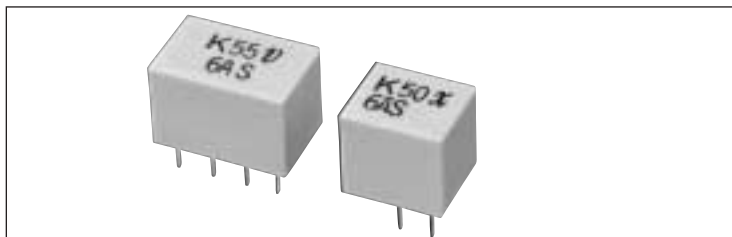


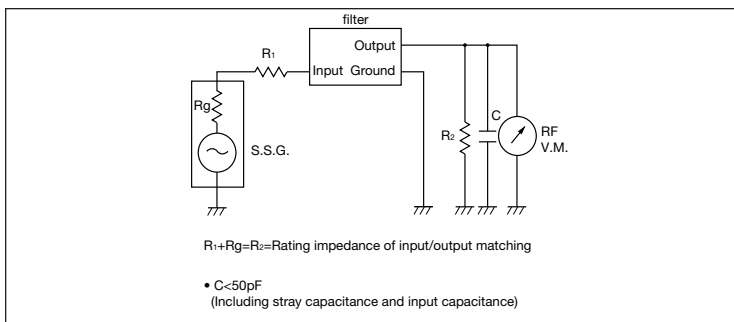
KHz Band Ceramic IF Filters



KBF-RL, PL Series

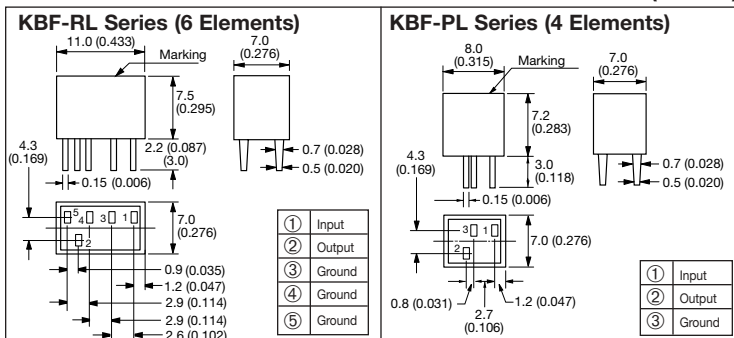


TEST CIRCUIT



DIMENSIONS

millimeters (inches)



SPECIFICATIONS (455 kHz)

KBF-RL Series (6 Elements)

Part Number	Center Frequency (f ₀)	Ripple	Pass Band Width		Stop Band Attenuation	Insertion Loss	Input/Output Matching Impedance	Operating Temperature
			6dB	40dB				
KBF-455RL-20A	455kHz±1.5kHz	2.0dB max.	±10kHz min.	±20kHz max.	37dB min.	4dB max.	1.5kΩ	-20°C to +80°C
KBF-455RL-15A			±7.5kHz min.	±15kHz max.		6dB max.		
KBF-455RL-12A			±6.0kHz min.	±12.5kHz max.				
KBF-455RL-10A			±5.0kHz min.	±12kHz max.				
KBF-455RL- 9A			±4.5kHz min.	±10kHz max.				
KBF-455RL- 7A	455kHz±1.0kHz		±3.5kHz min.	±9kHz max.	55dB min.		2.0kΩ	
KBF-455RL- 6AS			±3.0kHz min.	±9kHz max.				
KBF-455RL- 4AS			±2.0kHz min.	±7.5kHz max.				

KBF-PL Series (4 Elements)

Part Number	Center Frequency (f ₀)	Ripple	Pass Band Width		Stop Band Attenuation	Insertion Loss	Input/Output Matching Impedance	Operating Temperature
			6dB	40dB				
KBF-455PL-25A	455kHz±1.5kHz	2.0dB max.	±12.5kHz min.	±24kHz max.	27dB min.	4dB max.	1.5kΩ	-20°C to +80°C
KBF-455PL-20A			±10.0kHz min.	±20kHz max.		6dB max.	2.0kΩ	
KBF-455PL-15A			±7.5kHz min.	±15kHz max.				
KBF-455PL-12A			±6.0kHz min.	±12.5kHz max.				
KBF-455PL-10A			±5.0kHz min.	±12kHz max.				
KBF-455PL- 7A	455kHz±1.0kHz		±3.5kHz min.	±9kHz max.	35dB min.			
KBF-455PL- 6AS			±3.0kHz min.	±9kHz max.				
KBF-455PL- 4AS			±2.0kHz min.	±7.5kHz max.				

Note: Center frequency is 450-460kHz available

FEATURES

- Small and high selectivity
- Low insertion loss
- Adjustment free
- Various pass band width available

APPLICATIONS

- Walkie & Talkie
- Car audio (AM radio section)
- Cordless phone
- Remote control receiver

HOW TO ORDER

