

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

KBF - 455 RL - 15 A
 ① ② ③ ④ ⑤

- ① Model (Kyocera Bulk Filter)
- ② Center Frequency [450/455kHz available]
- ③ No. of Element
(R, RL : 6 Elements, P, PL : 4 Elements)
- ④ Pass Band-Width (kHz) at 6 dB

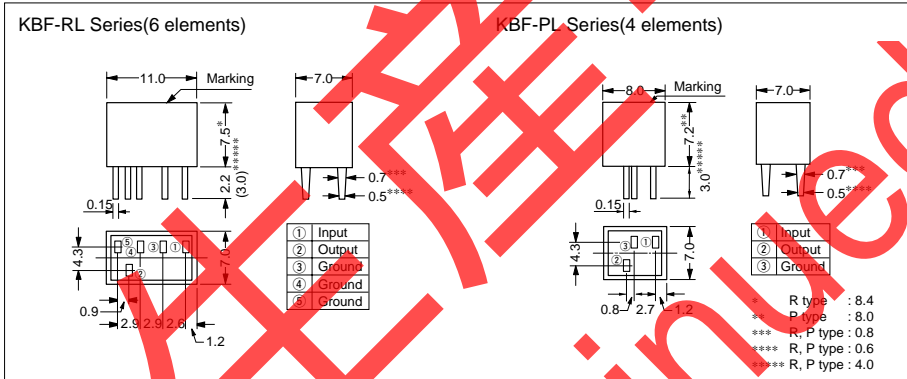
6 elements	15, 10, 9, 7, 6, 4
4 elements	15, 10, 9, 7, 6, 4

- ⑤ Selectivity

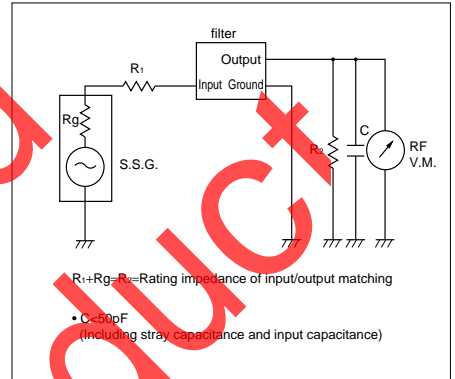
A	High Selectivity
AS	Super High Selectivity

Dimensions

(Unit : mm)



Test Circuit



Specifications(455kHz)

KBF-RL series(6 elements)

Parts No.	Center Frequency (f ₀)	Ripple	Pass Band Width		Stop Band Attenuation	Insertion Loss	Input/Output Matching Impedance	Operating Temperature
			6dB	50dB				
KBF-455RL-15A	455kHz±1.5kHz	2dB max	±7.5kHz min	±15kHz max	37dB min	6dB max	1.5kΩ	-20°C to +80°C
KBF-455RL-12A			±6.0kHz min	±12.5kHz max				
KBF-455RL-10A			±5.0kHz min	±12kHz max				
KBF-455RL- 9A	455kHz±1.0kHz	2dB max	±4.5kHz min	±10kHz max	55dB min	6dB max	2.0kΩ	-20°C to +80°C
KBF-455RL- 7A			±3.5kHz min	±9kHz max				
KBF-455RL- 6AS			±3.0kHz min	±9kHz max				
KBF-455RL- 4AS			±2.0kHz min	±7.5kHz max				

KBF-PL series(4 elements)

Parts No.	Center Frequency (f ₀)	Ripple	Pass Band Width		Stop Band Attenuation	Insertion Loss	Input/Output Matching Impedance	Operating Temperature
			6dB	40dB				
KBF-455PL-15A	455kHz±1.5kHz	2dB max	±7.5kHz min	±15kHz max	27dB min	6dB max	1.5kΩ	-20°C to +80°C
KBF-455PL-12A			±6.0kHz min	±12.5kHz max				
KBF-455PL-10A			±5.0kHz min	±12.0kHz max				
KBF-455PL- 7A	455kHz±1.0kHz	2dB max	±3.5kHz min	±9kHz max	35dB min	6dB max	2.0kΩ	-20°C to +80°C
KBF-455PL- 6AS			±3.0kHz min	±9kHz max				
KBF-455PL- 4AS			±2.0kHz min	±7.5kHz max				

Remarks) Center Frequency is 450/455kHz available