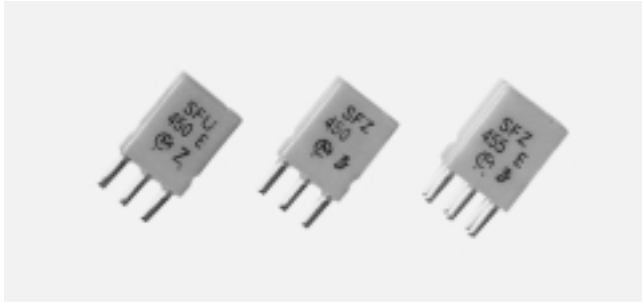




The following filters were designed to address the needs of standard AM filtering requirements. These filters are recommended for use in low cost products where economically, efficient designs are critical.

SPECIFICATIONS

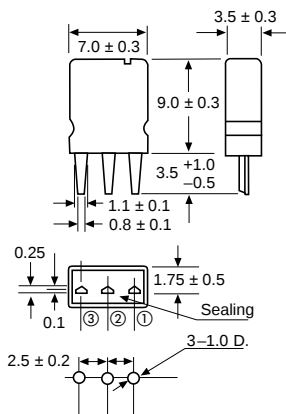
SFU/SFZ/450/455kHz

Part Number	Center Frequency (kHz)	3dB Bandwidth (kHz)	Ripple (dB) max.	Selectivity $F_0 \pm 9\text{kHz}$	Termination Impedance (Ohms) max.	Spurious Response (dB) min.	Insertion Loss (dB) max.	Operating Temperature Range	Withstanding Voltage
*SFU455A	455 ± 2	$10 (\pm 3)$	0	4@-10kHz 6@+10kHz	3k	10 (1~3MHz)	5	-10°C to +80°C	50V DC
SFU455B (connected to an IFT)	462 ± 2	$10 (\pm 3)$	—	4@+10kHz 6@-10kHz	3k	10 (1~3MHz)	5	-10°C to +80°C	
SFZ455HL	455.5 ± 2	4.0 ± 1.0	1.5	23dB min.	3k	20 (F_0 ~3MHz)	7.0	-20°C to +80°C	
SFZ455JL	456 ± 2	5.5 ± 1.0	1.5	18dB min.	3k	20 (F_0 ~3MHz)	7.0	-20°C to +80°C	
SFZ450C3N	450 ± 1	$2.5 (\pm 1)$	—	30@-9kHz 24@+9kHz	3k	F_0 20 (1~3MHz)	6.5	-10°C to +80°C	

() Typ. value

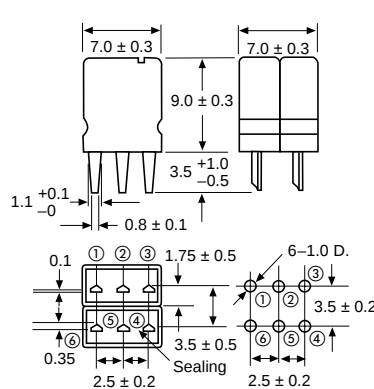
DIMENSIONS: mm

SFU455



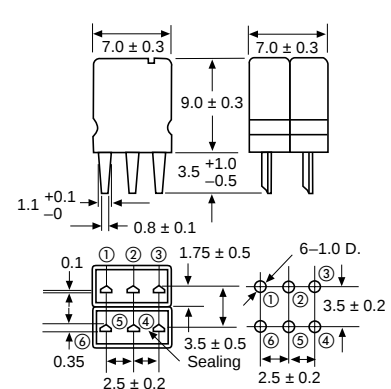
DIMENSIONS: mm

SFZ455

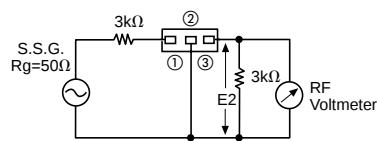


DIMENSIONS: mm

SFZ450C3N

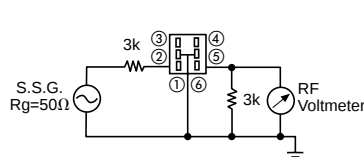


CIRCUIT

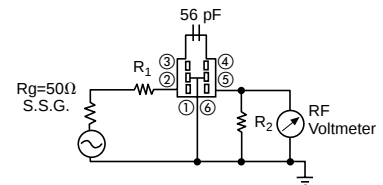


SFU455B is designed to be connected with an I.F.T.

CIRCUIT



CIRCUIT



$R_g + R_1 = R_2 = \text{Input/Output Impedance}$

* Available as standard through authorized Murata Electronics Distributors.