

FEATURES

- Ultra small size
- 6.3 mm profile
- Broad bandwidth
- High selectivity
- 6 elements

6 ELEMENT CERAMIC FILTER

Ultra small size high selectivity type ceramic filter for communication use.

PART NUMBERING GUIDE "EXAMPLE"

PART NUMBER	CENTER FREQUENCY (KHz)	INSERTION LOSS (dB) MAX.	PASS BAND RIPPLE (dB) MAX.	6 dB BANDWIDTH (KHz) MIN.	50 dB BANDWIDTH (dB) MAX.	STOP BAND ATT. ±100KHZ (dB) MIN.	INPUT / OUTPUT IMPEDANCE (Ω)
LTM455BW	455 ±2.0	4	2	±15	±30	45	1500
LTM455CW	455 ±2.0	4	2	±12.5	±24	45	1500
LTM455DW	455 ±1.5	4	2	±10	±20	45	1500
LTM455EW	455 ±1.5	6	2	±7.5	±15	45	1500
LTM455FW	455 ±1.5	6	2	±6	±12.5	45	2000
LTM455GW	455 ±1.5	6	2	±4.5	±10	45	2000
LTM455HW	455 ±1.0	6	2	±3	±9	45	2000
LTM455IW	455 ±1.0	6	2	±2	±7.5	45	2000
LTM455HTW	455 ±1.0	6	2	±3	±9	60	2000
LTM455ITW	455 ±1.0	6	2	±2	±7.5	60	2000

PACKAGE DIMENSIONS (mm)

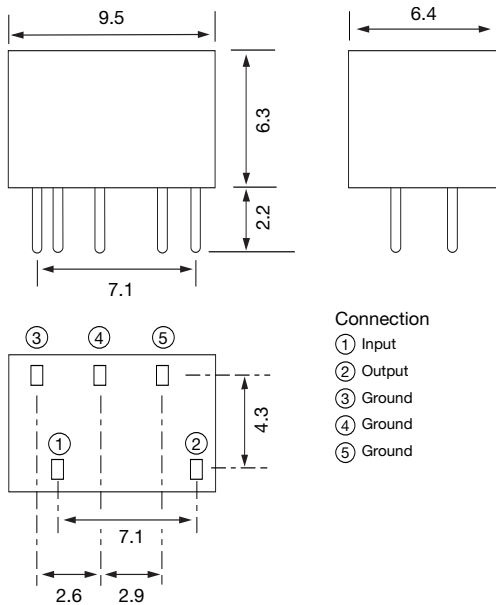


Figure 1) LTM455W – Front, Side and Bottom views

Note: To avoid potential problems, connect the output to an IF amplifier through a DC cut capacitor.
 Avoid applying a direct current to output end of the ceramic filters (between ∞ and ≠-0).

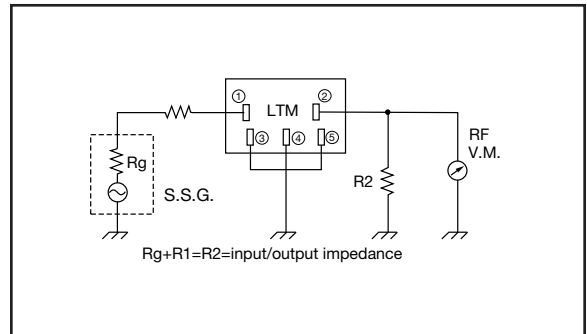


Figure 2) LTM455W – Measuring Circuit

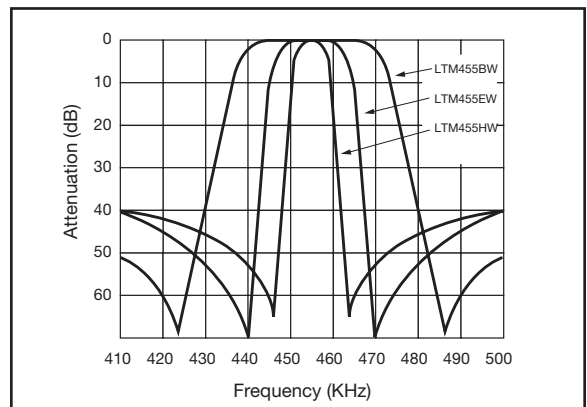


Figure 3) LTM455W – Characteristics