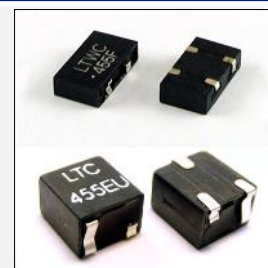


CERAMIC FILTER - LTC455-U Series (SMD 3 pads) LTC455-W Series (SMD 4 pads)



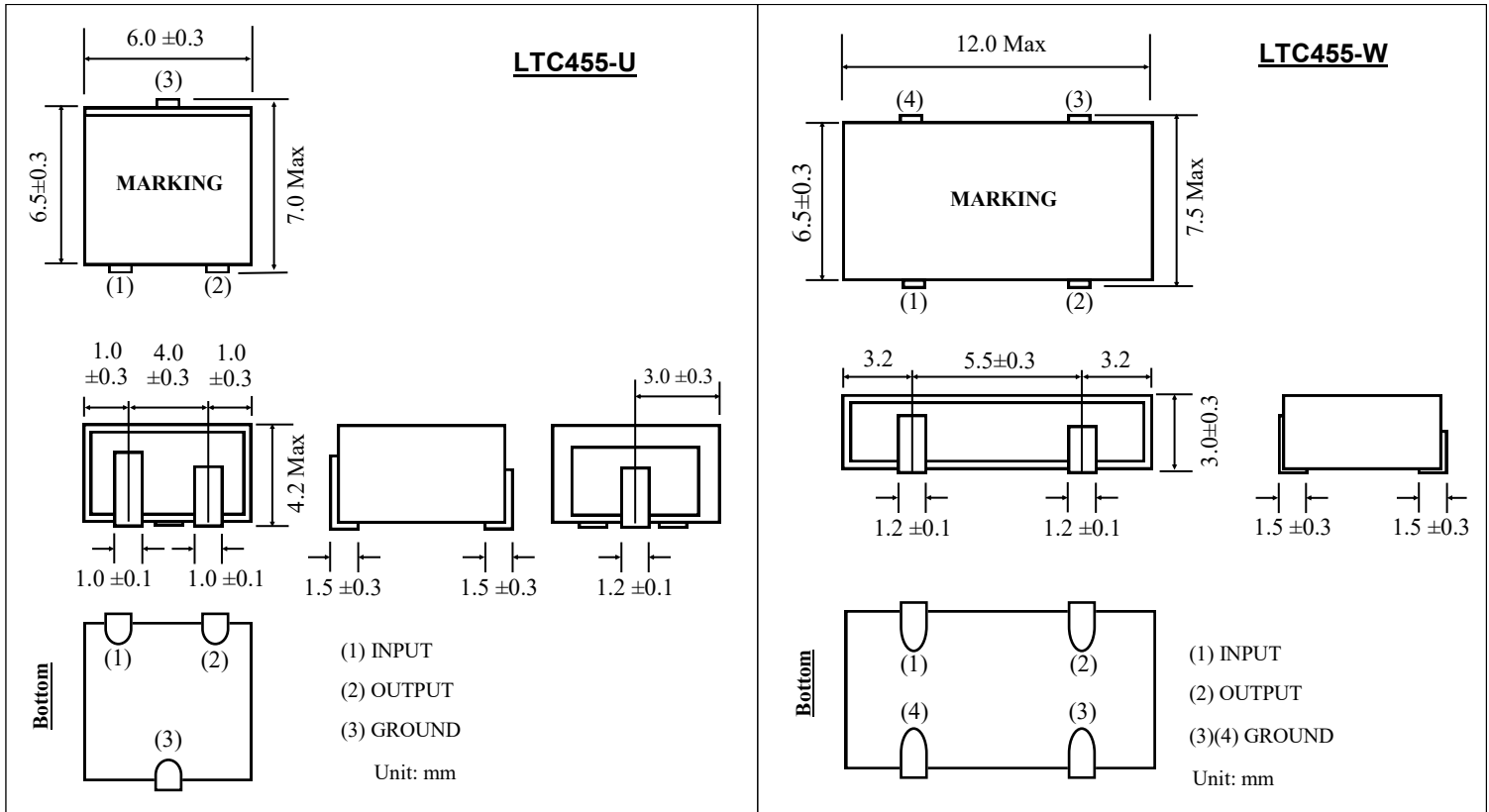
► LTC455-U

PART NUMBER	CENTER FREQUENCY (kHz)	INSERTION LOSS (dB) MAX.	PASS BAND RIPPLE (dB) MAX.	AT 6dB BANDWIDTH (kHz) MIN.	40dB BANDWIDTH (kHz) MAX.	STOP BAND ±100kHz (dB) MIN.	INPUT/OUTPUT IMPEDANCE(Ω)
LTC455BU	455 ± 1.0	5	2	± 15	± 35	28	1500
LTC455DU	455 ± 1.5	4	2	± 10	± 20	27	1500
LTC455EU	455 ± 1.5	6	2	± 7.5	± 15	27	1500
LTC455FU	455 ± 1.5	6	2	± 6.0	± 12.5	27	1500
LTC455GU	455 ± 1.5	6	2	± 4.5	± 10	27	1500
LTC455HU	455 ± 1.0	5	2	± 3.0	± 9.0	30	2000

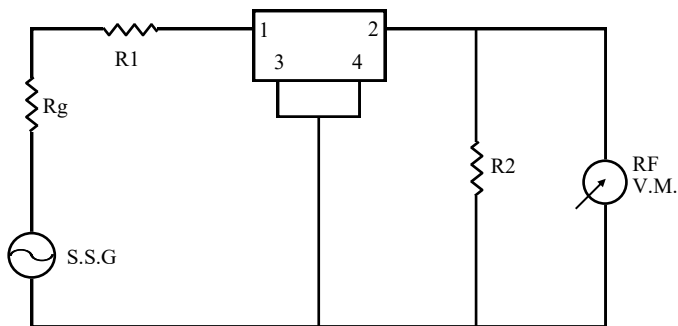
► LTC455-W

PART NUMBER	CENTER FREQ. (kHz)	INSERTION LOSS (dB) MAX.	PASS BAND RIPPLE (dB) MAX.	AT 6dB BANDWIDTH (kHz) MIN.	50dB BANDWIDTH (kHz) MAX.	STOP BAND ±100kHz (dB) MIN.	SPURIOUS RESPONSE WITHIN 0.1~1.0MHz	INPUT/OUTPUT IMPEDANCE(Ω)
LTC455BW	455 ± 1.5	4	2	± 15 (±10)	± 30	50	20	1500
LTC455CW	455 ± 1.5	4	2	± 12.5 (±8.0)	± 25	50	20	1500
LTC455DW	455 ± 1.5	4	2	± 10 (±7.5)	± 20	50	20	1500
LTC455EW	455 ± 1.5	4	2	± 7.5 (±5.5)	± 15	50	20	1500
LTC455FW	455 ± 1.5	6	2	± 6 (±4.0)	± 12	47	20	1500
LTC455GW	455 ± 1.5	6	2	±4.5 (±3.0)	± 10	47	20	1500
LTC455HTW	455 ± 1.5	5	2	±3.0	± 9	45	20	2000

► **PACKAGE DIMENSIONS**

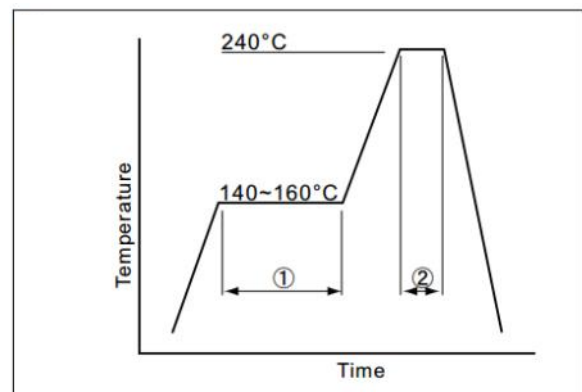


► **TEST CIRCUIT**



$R_g + R_1 = R_2 = \text{INPUT/OUTPUT IMPEDANCE}$
RF V.M. (RADIO FREQUENCY VOLTAGE METER)
S.S.G. (STANDARD SIGNAL GENERATION)

► **REFLOW**



		Time	Temperature
1	Preheat	120 Sec	140 ~ 160°C
2	Peak	10 Sec	240°C