



SMD Ceramic Filter - LTCW 455/450 Series

SMD Version - 11.5 x 7.5 x 3.0

• Features

Low cost

High performance

• General Specification

Part Number		Center Frequency	Insertion Loss	Passband Ripple	6dB Bandwidth	50dB Bandwidth	Spurious Attenuation $f_0 \pm 100\text{kHz}$	Input/Output Impedance
		(fo)(kHz)	(dB)max	(dB)max	(kHz)min	(kHz)min	(dB) min	(Ω)
LTC455BW	LTC450BW	455 \pm 1.5	4	2	\pm 15.0	\pm 30	50	1500
LTC455CW	LTC450CW	455 \pm 1.5	4	2	\pm 12.5	\pm 25	50	1500
LTC455DW	LTC450DW	455 \pm 1.5	4	2	\pm 10.0	\pm 20	50	1500
LTC455EW	LTC450EW	455 \pm 1.5	4	2	\pm 7.5	\pm 15	50	1500
LTC455FW	LTC450FW	455 \pm 1.5	6	2	\pm 6.0	\pm 12	47	2000
LTC455GW	LTC450GW	455 \pm 1.5	6	2	\pm 4.5	\pm 10	47	2000
LTC455HW	LTC450HW	455 \pm 1.5	6	2	\pm 3.0	\pm 9.0	47	2000
LTC455IW	LTC450IW	455 \pm 1.5	6	2	\pm 2.0	\pm 7.5	47	2000

Operating temperature range: -20 to +80 °C

Storage temperature range: -40 to +85 °C

• Marking

Part number

• Ordering Information

Part number

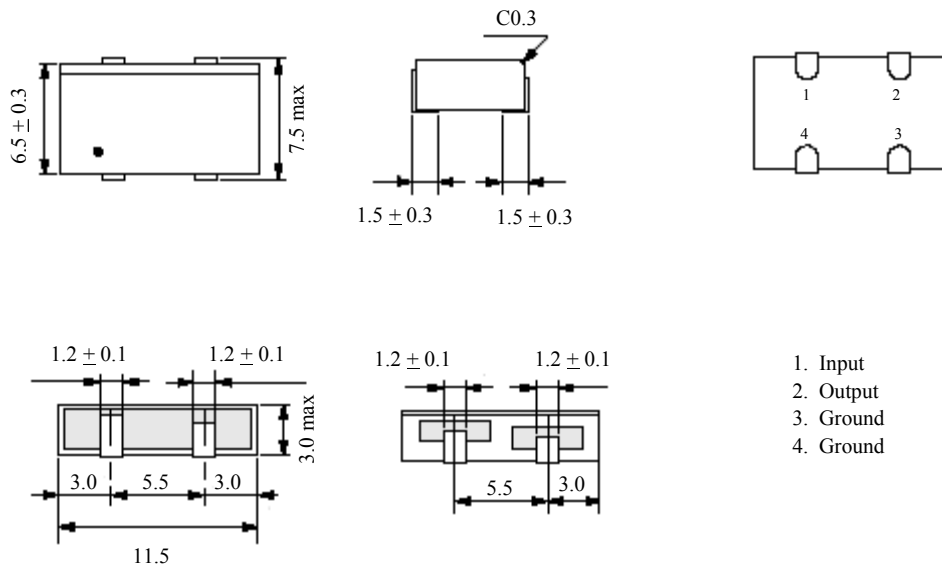
NEWXTAL - New Crystal World

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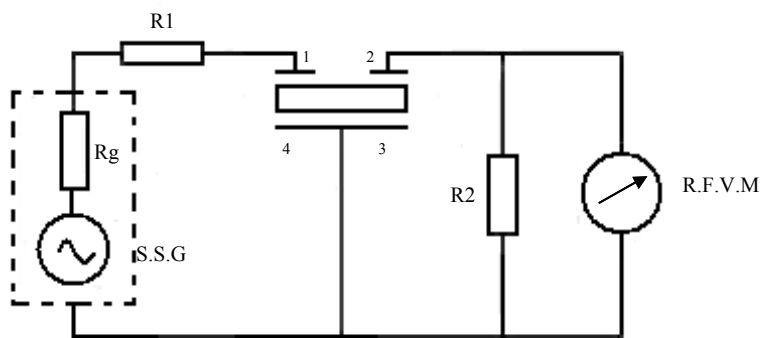
• Dimensions



1. Input
2. Output
3. Ground
4. Ground

in mm

• Test Circuit



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

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