



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 fo±100kHz	Input/Output Impedance
		(fo)(kHz)	(dB)max	(dB)max	(kHz)min	(kHz)min	(dB) min	(Ω)
LTC455BW	LTC450BW	455±1.5	4	2	±15.0	±30	50	1500
LTC455CW	LTC450CW	455±1.5	4	2	±12.5	±25	50	1500
LTC455DW	LTC450DW	455±1.5	4	2	±10.0	±20	50	1500
LTC455EW	LTC450EW	455±1.5	4	2	±7.5	±15	50	1500
LTC455FW	LTC450FW	455±1.5	6	2	±6.0	±12	47	2000
LTC455GW	LTC450GW	455±1.5	6	2	±4.5	±10	47	2000
LTC455HW	LTC450HW	455±1.5	6	2	±3.0	±9.0	47	2000
LTC455IW	LTC450IW	455±1.5	6	2	±2.0	±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

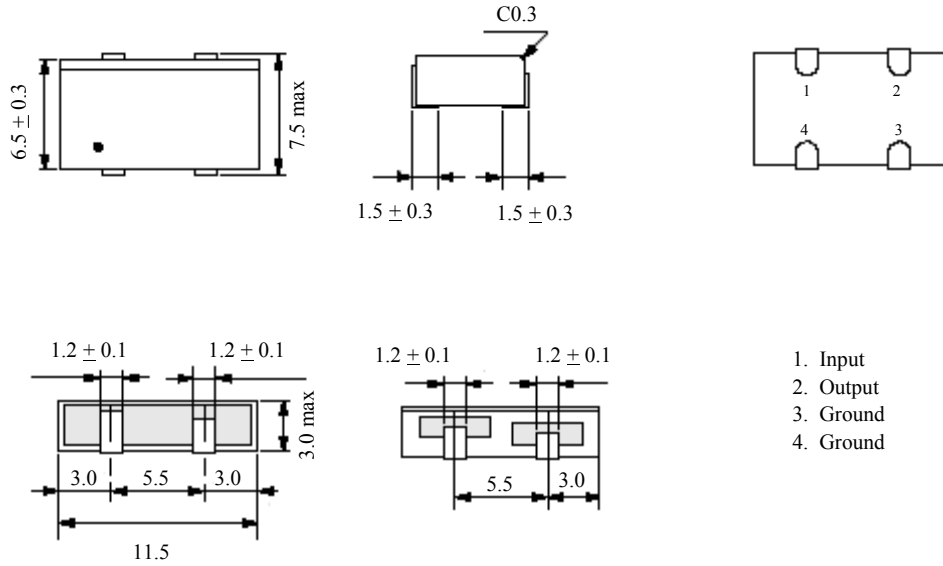
NEWXTAL - New Crystal

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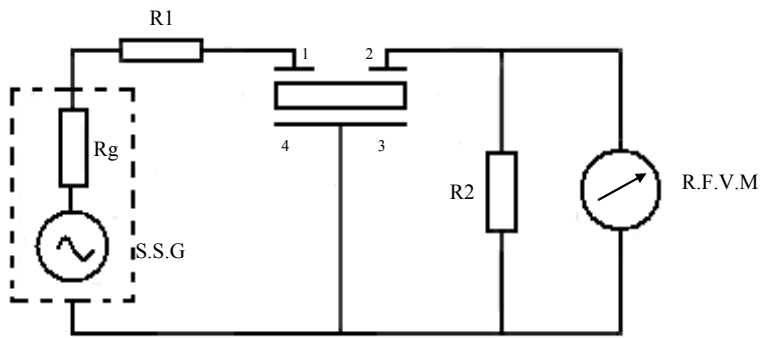
• Dimensions



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

in mm

• Test Circuit



$$Rg + R1 = R2 = \text{Input/Output Impedance}$$

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