



Ceramic Filter - LTCU 455/450 Series

Pin Type - 6.0 x 7.5 x 4.0

• Features

Low cost

High performance

• General Specification

Part Number		Center Frequency	Insertion Loss	Passband Ripple	6dB Bandwidth	40dB 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)
LTC455BU	LTC450BU	455 $\pm$ 1.5	4	2	$\pm$ 15.0	$\pm$ 30	27	1500
LTC455CU	LTC450CU	455 $\pm$ 1.5	4	2	$\pm$ 12.5	$\pm$ 25	27	1500
LTC455DU	LTC450DU	455 $\pm$ 1.5	4	2	$\pm$ 10.0	$\pm$ 20	27	1500
LTC455EU	LTC450EU	455 $\pm$ 1.5	6	2	$\pm$ 7.5	$\pm$ 15	27	1500
LTC455FU	LTC450FU	455 $\pm$ 1.5	6	2	$\pm$ 6.0	$\pm$ 12	27	2000
LTC455GU	LTC450GU	455 $\pm$ 1.5	6	2	$\pm$ 4.5	$\pm$ 10	25	2000
LTC455HU	LTC450HU	455 $\pm$ 1.5	6	2	$\pm$ 3.0	$\pm$ 9.0	25	2000
LTC455IU	LTC450IU	455 $\pm$ 1.5	6	2	$\pm$ 2.0	$\pm$ 7.5	25	2000

Operating temperature range: -20 to +80 °C

Storage temperature range: -40 to +85 °C

• Marking

Part number

• Ordering Information

Part number

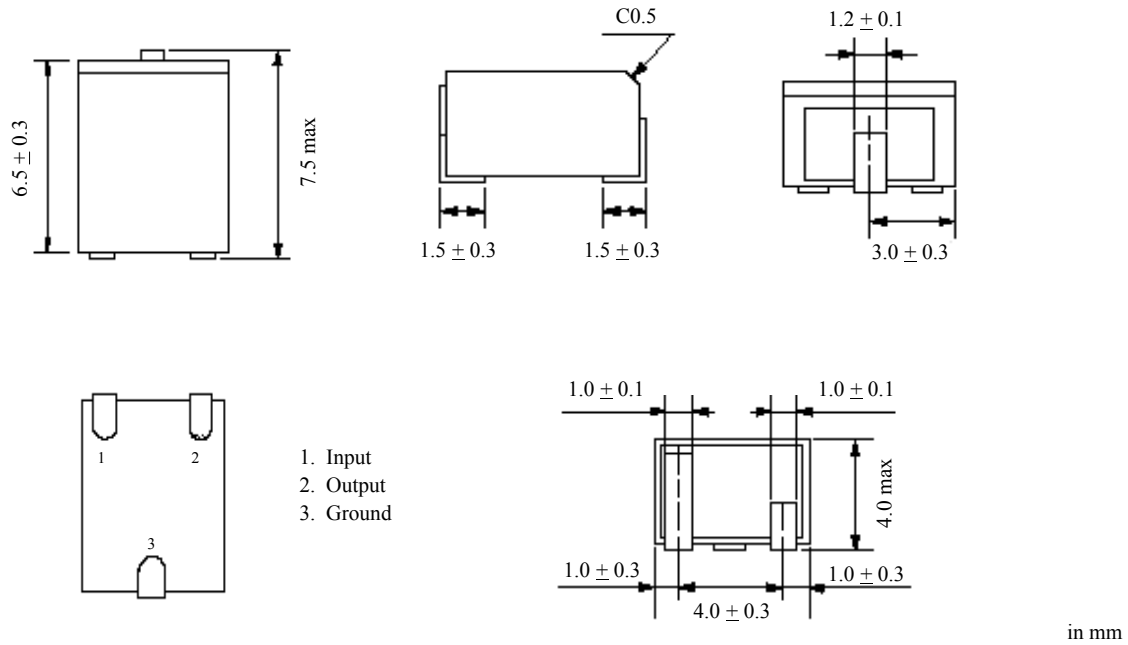
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Website: www.newxtal.com

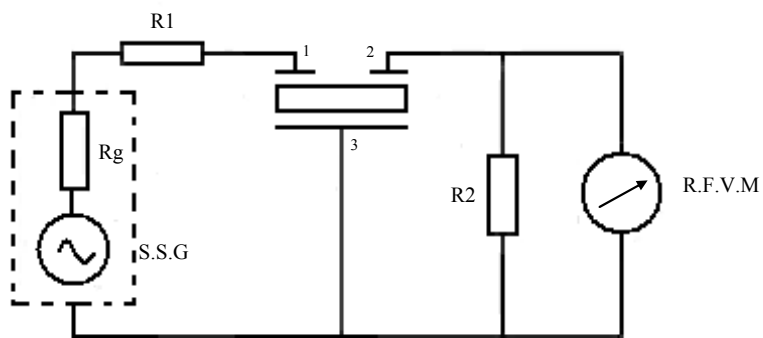
Email: sales@newxtal.com

SMD Ceramic Filter - LTCU 455/450 Series

• Dimensions



• Test Circuit



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

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Website: www.newxtal.com

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