

CERAMIC FILTER (10.7MHz Series, SMD)

FEATURES:

- Small volume, weight, and low profile
- Automatic mounting and reflow compatible
- -40°C to 85°C operating temperature
- -55°C to 85°C storage temperature



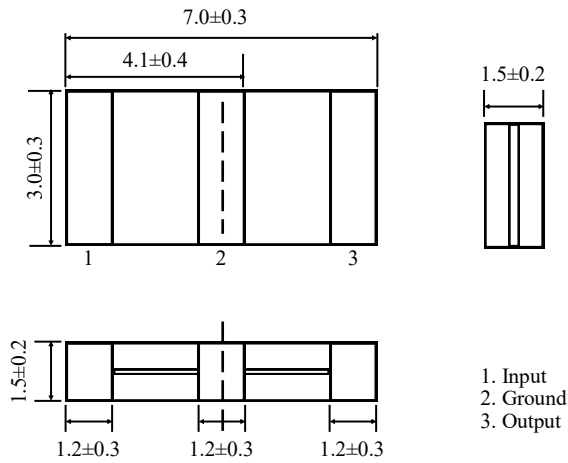
PARAMETER	SPECIFICATION
WITHSTANDING VOLTAGE	50V DC, 1MINUTE
INSULATION RESISTANCE	100M Ω (10V, 1 MINUTE)
OPERATING TEMPERATURE	-40°C to 85°C
STORAGE TEMPERATURE	-55°C to 85°C
CENTER FREQUENCY	10.700 MHz \pm 0.030 MHz
TEMPERATURE CHARACTERISTIC	\pm 0.5% (-20°C to 80°C)

PART NUMBER	3dB BW (kHz)	20dB BW (kHz) MAX.	IL (dB) MAX.	RIPPLE (within 3dB BW) (dB) MAX.	SPURIOUS RESPONSE (9~12 MHz) (dB) MIN.	INPUT/OUTPUT IMPEDANCE (Ω)
LTCA10.7MHY	110 \pm 30	350	9.0	1.0	30	330
LTCA10.7MJ	150 \pm 40	430	10.0	1.0	30	330
LTCA10.7MS3	180 \pm 40	520	7.0	1.0	30	330
LTCA10.7MS2	230 \pm 50	570	6.0	1.0	30	330
LTCA10.7MA5	280 \pm 50	650	6.0	1.0	30	330
LTCV10.7MHY	110 \pm 30	320	6.0 \pm 2.0	1.0	35	330
LTCV10.7MJ	150 \pm 40	380	5.5 \pm 2.0	1.0	35	330
LTCV10.7MS3	180 \pm 40	470	4.0 \pm 2.0	1.0	35	330
LTCV10.7MS2	230 \pm 50	510	3.5 \pm 2.0	1.0	35	330
LTCV10.7MA5	280 \pm 50	590	3.0 \pm 2.0	1.0	35	330
LTCV10.7MA20	330 \pm 50	680	4.0 \pm 2.0	1.0	30	330
LTCV10.7MA19	Fn \pm 175	950	3.0 \pm 2.0	3.0	20 (5-15MHz)	470
LTCS10.7MS3	180 \pm 40	470	4.5 \pm 2.0	1.0	30	330
LTCS10.7MS2	230 \pm 50	510	3.5 \pm 2.0	1.0	30	330
LTCS10.7MA5	280 \pm 50	590	3.0 \pm 2.0	1.0	30	330
LTCS10.7MA20	330 \pm 50	700	3.0 \pm 2.0	1.0	30	330
LTCS10.7MA19	Fn \pm 175	950	3.0 \pm 2.0	1.0	20 (5-15MHz)	470

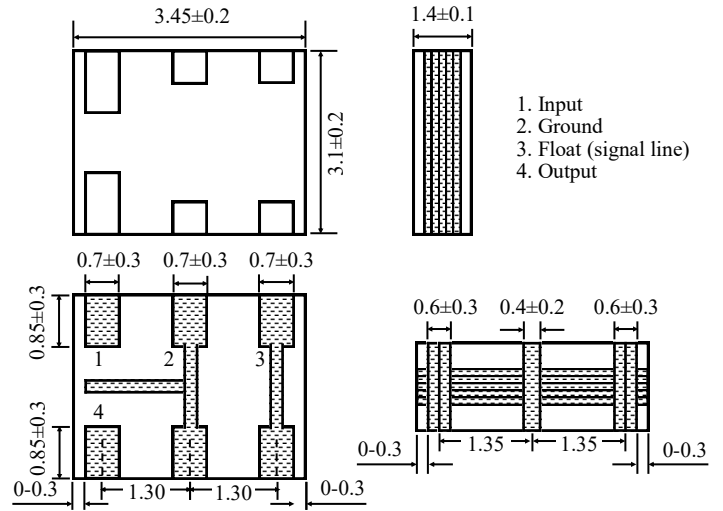
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■ PACKAGE DIMENSIONS

LTCA & LTCV

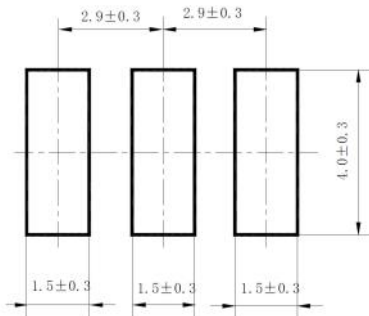


LTCS

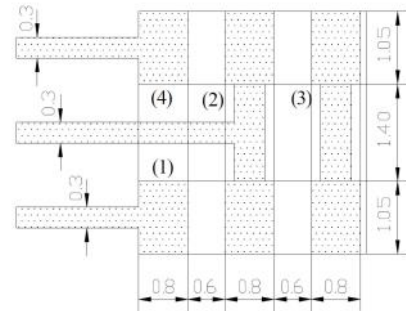


■ SOLDER PATTERN

LTCA & LTCV



LTCS



■ REFLOW PROFILE

