

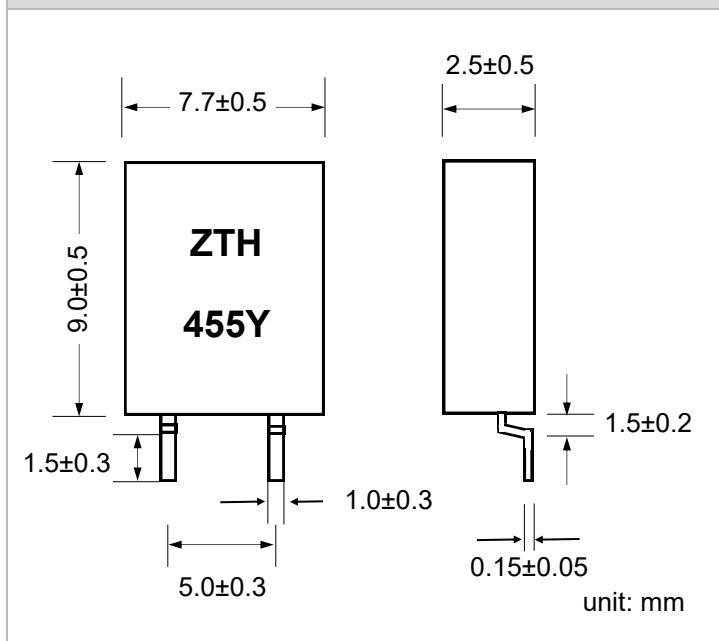
CERAMIC RESONATOR (BLACK)

FEATURES:

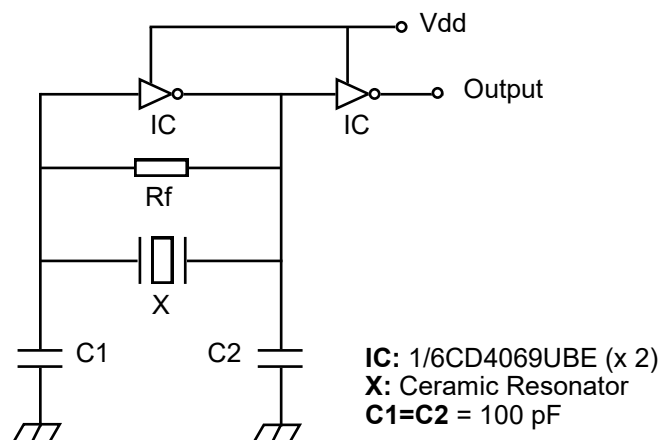
- SUITABLE FOR REFLOW
- TAPE AND REEL
- 1.5mm LEAD LENGTH

CENTER FREQUENCY	455 KHz
FREQUENCY ACCURACY	± 2 KHz
RESONANT IMPEDANCE	30 Ω max.
CAPACITANCE	280 pF $\pm 20\%$
MAXIMUM INPUT VOLTAGE	15 V _{pp}
TEMPERATURE COEFFICIENT OF OSCILLATION FREQUENCY	$\pm 0.3\%$ max (-20°C to +80°C)
WITHSTANDING VOLTAGE	50 V _{DC} max.
INSULATION RESISTANCE	100M Ω min.
OPERATING TEMPERATURE	-20°C to +80°C
STORAGE TEMPERATURE	-40 to 85°C
AGING RATE	$\pm 0.5\%$ max.

■ PACKAGE DIMENSIONS

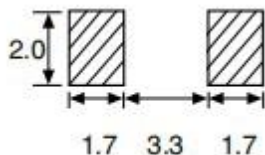


■ TEST CIRCUIT



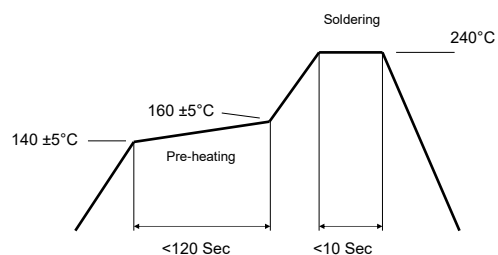
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■ SOLDER PATTERN



Unit : mm

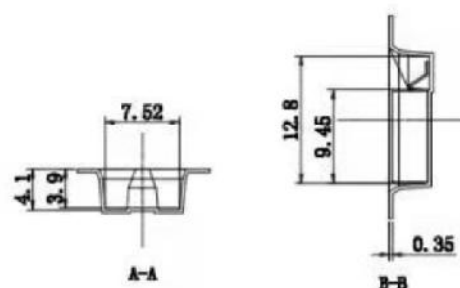
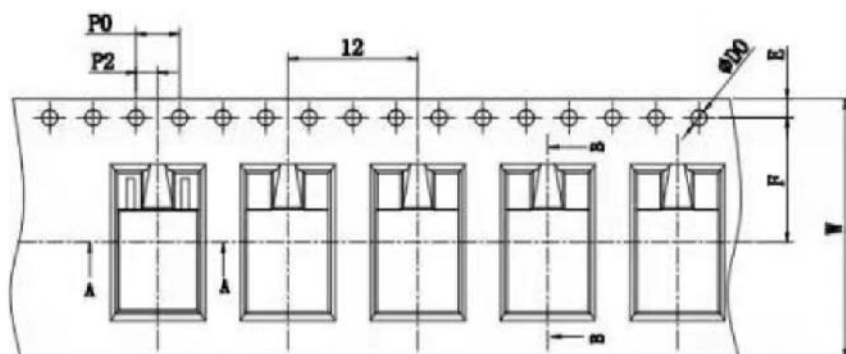
■ REFLOW PROFILE



Note: 1. Consult factory for detail
2. manual solder temperature is 350°C for 3 sec max.

■ TAPE & REEL

► Tape (Carrier) Dimensions



unit: mm

SYMBOL	SIZE
DO	1.50 ± 0.1
E	1.75 ± 0.1
F	11.50 ± 0.1
P0	4.00 ± 0.1
P2	2.00 ± 0.1
W	24.00 ± 0.3

