

# AWSZT-CP SERIES



6.0 x 3.0 x 1.7mm

RoHS/RoHS II Compliant

Pb in ceramic, exemption (7c-1)

MSL = 1

## FEATURES

- Low resonant impedance
- IR reflow capable
- Low cost

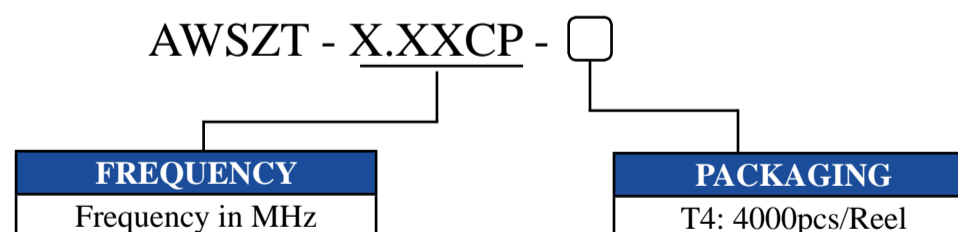
## APPLICATIONS

- Remote controls, microprocessor clocks, mobile phones, DVD & CD-Roms, Electric appliances
- Consumer electronics

## STANDARD SPECIFICATIONS

PARAMETERS	MINIMUM	TYPICAL	MAXIMUM	UNITS	NOTES
Frequency Range	2.00		12.00	MHz	
Resonant Impedance (Ro)		100		Ω	2.00 MHz – 2.99 MHz
		50			3.00 MHz – 3.49 MHz
		30			3.50 MHz – 12.00 MHz
Load Capacitance for test circuit (C1=C2)		30		pF	2.00 MHz – 12.00 MHz
Frequency Tolerance	-0.5		0.5	%	
Frequency Stability	-0.3		0.3	%	-25°C TO +85°C
Withstanding Voltage			50	V	DC , 1 min.
Rating Voltage	(1) D.C. Voltage		6	V	
	(2) A.C. Voltage		15	Vp-p.	
Insulation Resistance	100			MΩ	10V, 1 min.
Operation Temperature	-25		+85	°C	
Storage Temperature	-55		+85	°C	
Aging Rate (Fosc)	-0.1		0.1	%	10 years

## OPTIONS AND PART IDENTIFICATION (LEFT BLANK IF STANDARD)



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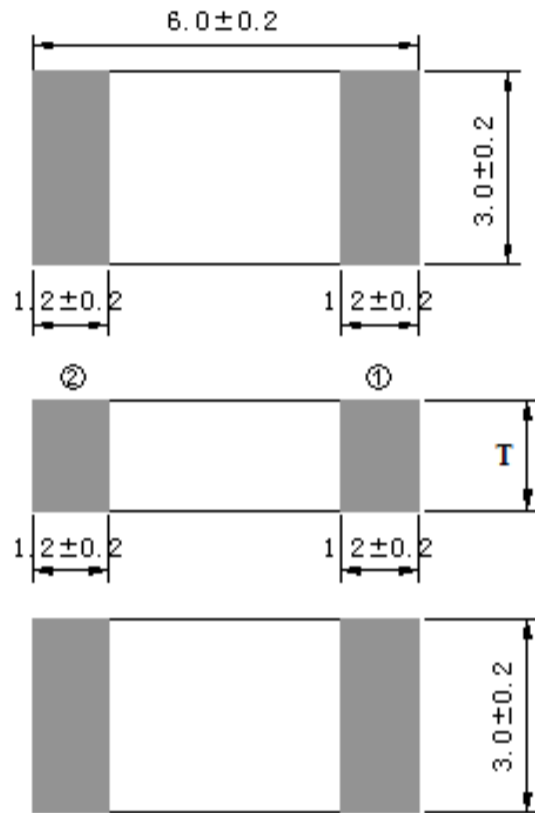
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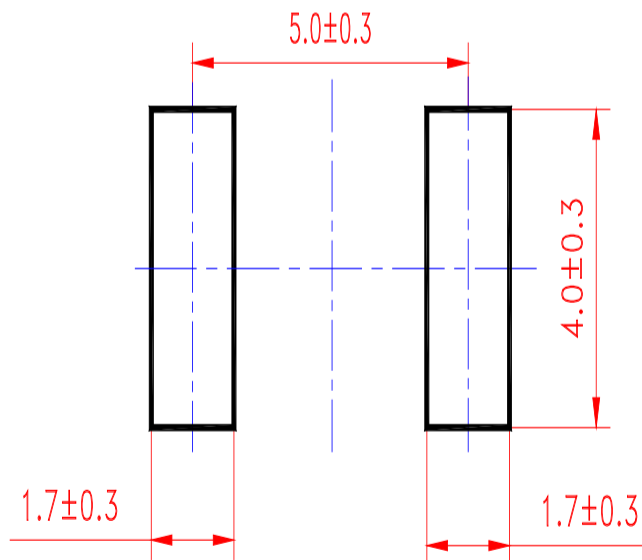
## OUTLINE DIMENSIONS

### TOP VIEW



T=1.7±0.2mm(2.00-3.99MHz)  
T=1.4±0.2mm(4.00-12.00MHz)

① Input  
② Output



### RECOMMENDED LANDING PATTERN (mm)