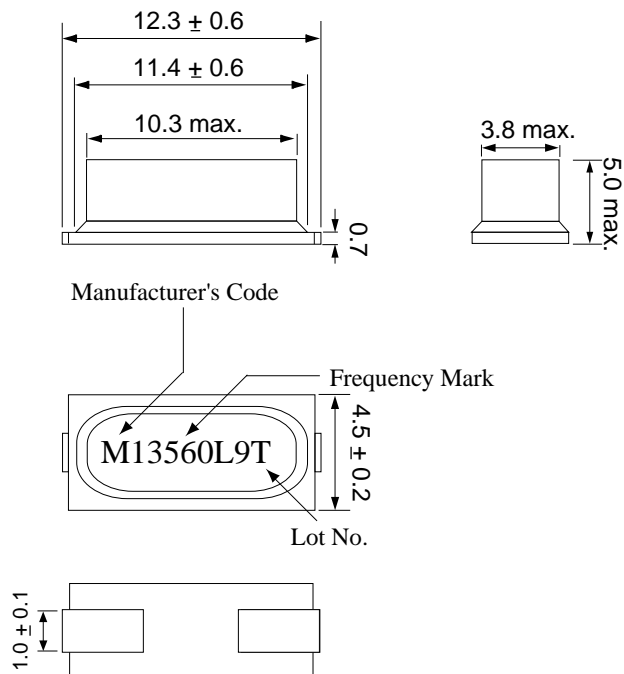


# MIEC

## SPECIFICATION OF CRYSTAL UNIT

1. Nominal Frequency	13.560 MHz
2. Holder Type	HC49S SMD Type
3. Frequency Tolerance	$\pm 30$ ppm at 25°C
4. Equivalent Resistance	40 Ohm max./ $C_L$ = Series
5. Insulation Resistance	500M Ohm @100V <sub>DC</sub>
6. Operating Temperature Range	-10° ~ +60°C
7. Storage Temperature Range	-20° ~ +70°C
8. Temperature Tolerance	$\pm 50$ ppm at -20°C ~ +70°C
9. Loading Capacitance	20pF
10. Drive Level	100uW
11. Aging	$\pm 5$ ppm/ year
12. Oscillation Mode	Fundamental

### DIMENSIONS (mm)



Prepared by: Leo Wong  
Checked By: \_\_\_\_\_  
DOC. No: SMD49S-13\_56M20pF30ppmF