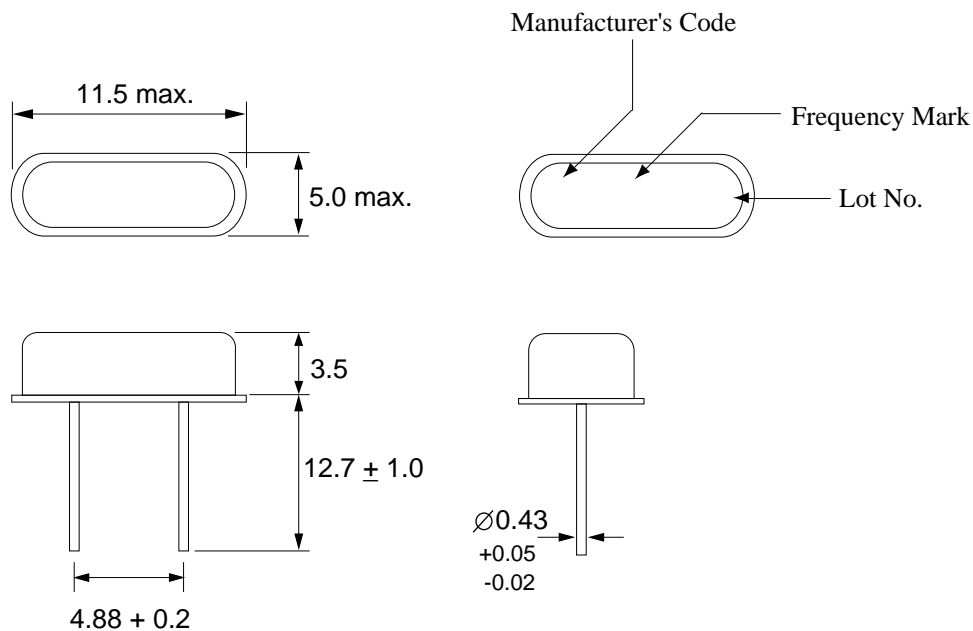


MIEC

SPECIFICATION OF CRYSTAL UNIT

1. Nominal Frequency	6.0 MHz
2. Holder Type	HC49S
3. Frequency Tolerance	± 30 ppm at 25°C
4. Equivalent Resistance	100 Ohm max.
5. Insulation Resistance	500M Ohm @ 100V_{DC}
6. Operating Temperature Range	$-10 \sim +60^{\circ}\text{C}$
7. Storage Temperature Range	$-20 \sim +80^{\circ}\text{C}$
8. Temperature Tolerance	± 50 ppm at $-20 \sim +80^{\circ}\text{C}$
9. Loading Capacitance	20pF
10. Drive Level	100uW
11. Aging	± 5 ppm/ year
12. Oscillation Mode	Fundamental

DIMENSIONS (mm)



Prepared by: Leo Wong
Checked By: _____
DOC. No: HC49S-6M20pF30ppmF(W)

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SPECIFICATION OF CRYSTAL UNIT

No.	Item	Condition of Test
1	Shock Test	Dropping from 75cm height, 3 times on firm wood Variation: Frequency drift $< \pm 20\text{ppm}$ Resistance drift $< + 10 \text{ Ohm}$
2	Vibration Test	30 minutes in each direction 10 to 55 Hz, amplitude 0.7 ~ 0.9mm Variation: Frequency drift $< \pm 20\text{ppm}$
3	Solderability	The dipping surface of the lead shall be at least 95% Covered with a Continuous new solder coating. Condition of test: Temperature of solder bath: $230^{\circ}\text{C} \pm 5^{\circ}\text{C}$ Dipping time: 5 sec.
4	Leakage	No bubbles coming up from interior of the holder. Insulation resistance: More than 500M Ohm Condition of test: Temperature of hot water: $90^{\circ}\text{C} \sim 95^{\circ}\text{C}$ Test time: 3 min.

REVIEW OF SPECIFICATIONS

When something get doubtful with this specifications, we shall jointly work to get an agreement.



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Checked By: _____
DOC. No: HC49S