

MOBICON

Electronic Components

PRODUCT SPECIFICATION

MEC QUARTZ CRYSTAL

FREQUENCY COMPONENTS

HC49U Series QUARTZ CRYSTAL SPECIFICATION

MOBICON HOLDINGS LTD.		
Prepared By	Sign.	Approved By
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MEC

SPECIFICATION OF CRYSTAL UNIT

PART NO. :

HC49U-8M2030F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	8.0 MHz
2. Holder Type	HC49U
3. Frequency Tolerance	± 30 ppm at 25°C
4. Equivalent Resistance	35 Ohm max.
5. Insulation Resistance	500M Ohm @100V _{DC}
6. Temperature Tolerance	± 50 ppm at $-10 \sim +60^{\circ}\text{C}$
7. Operating Temperature Range	$-10 \sim +60^{\circ}\text{C}$
8. Storage Temperature Range	$-10 \sim +70^{\circ}\text{C}$
9. Loading Capacitance	20 pF
10. Drive Level	100uW max.
11. Aging	± 2 ppm/ year max.
12. Oscillation Mode	Fundamental

