

MOBICON

Electronic Components

PRODUCT SPECIFICATION

MEC QUARTZ CRYSTAL

FREQUENCY COMPONENTS

HC49U Series QUARTZ CRYSTAL SPECIFICATION

MOBICON HOLDINGS LTD.		
Prepared By	Sign.	Approved By
Leo Wong		C.H. Wong

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MEC

SPECIFICATION OF CRYSTAL UNIT

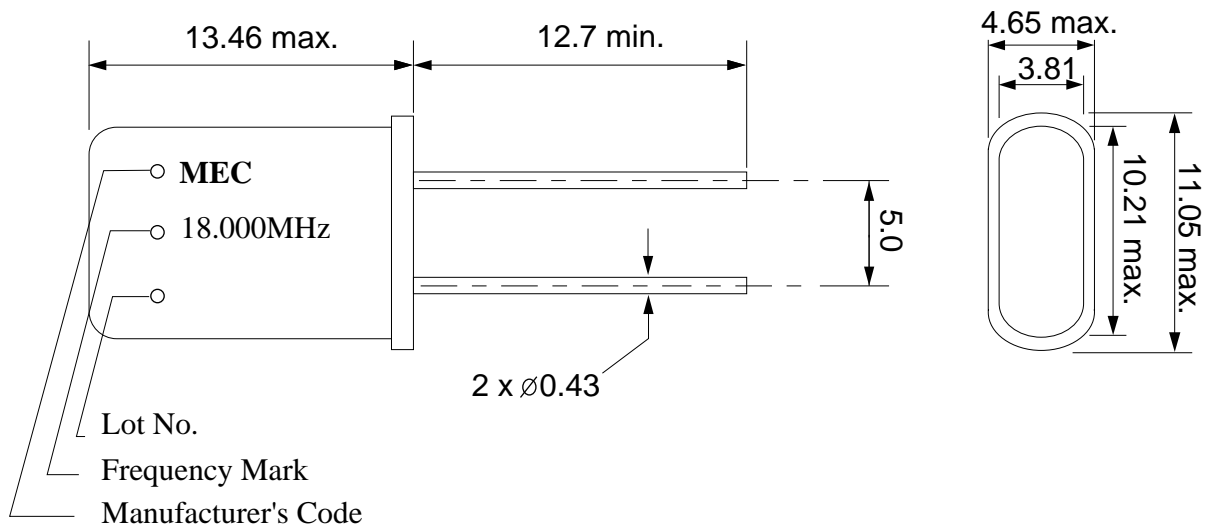
PART NO. :

HC49U-18M1630F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	18.0 MHz
2. Holder Type	HC 49U
3. Frequency Tolerance	± 30 ppm at 25°C
4. Equivalent Resistance	25 Ohm max.
5. Insulation Resistance	500M Ohm @100V _{DC}
6. Temperature Tolerance	+/- 50 ppm at -10 ~ +60°C
7. Operating Temperature Range	-10 ~ +60°C
8. Storage Temperature Range	-10 ~ +70°C
9. Loading Capacitance	16 pF
10. Drive Level	100uW max.
11. Aging	± 5 ppm/ year max.
12. Oscillation Mode	Fundamental

DIMENSIONS (mm)



Prepared By: Leo Wong

DOC. No: HC49U-18MHz16pF30ppmF