

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

www.mobicon.com

MEC

SPECIFICATION OF CRYSTAL UNIT

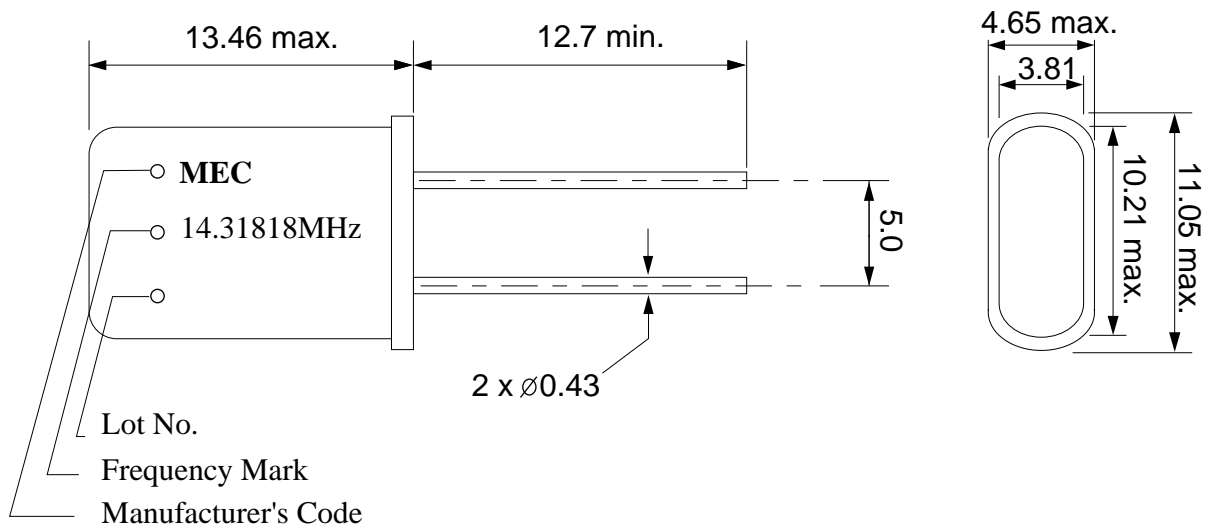
PART NO. :

HC49U-14.31818M1630F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	14.31818 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 ~ +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-14.31818MHz16pF30ppmF