

MOBICON

Electronic Components

PRODUCT SPECIFICATION

MEC QUARTZ CRYSTAL

FREQUENCY COMPONENTS

SMD49S Series QUARTZ CRYSTAL SPECIFICATION

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

www.mobicon.com

MIEC

SPECIFICATION OF CRYSTAL UNIT

PART NO. :

SMD49S-17.734M1630F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	17.734 MHz
2. Holder Type	SMD49S
3. Frequency Tolerance	± 30 ppm at 25°C
4. Equivalent Resistance	40 Ohm max.
5. Insulation Resistance	500M Ohm @100V _{DC}
6. Temperature Tolerance	+/- 30 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	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: SMD49S-17.734MHz16pF30ppmF

MEC

SPECIFICATION OF CRYSTAL UNIT

No.	Item	Condition of Test
1	Drop Test	Dropping from 80cm height to 3cm height, 3 times max. on wooden board.

REVIEW OF SPECIFICATIONS

- 1) When something get doubtful with this specifications, we shall jointly work to get an agreement.
- 2) This specification limits the quality of the components as a single unit. Please insure the component is thoroughly evaluated in your application circuit.
- 3) Please do not use this component in any application that deviates from its intended use as noted within the specification. It may cause any mishaps.
- 4) Please return one of this specification after your signature of acceptance. In case of no return within 3 months from submission date. This specification should be treated as accepted.



Prepared By: Leo Wong
DOC. No: SMD49S