

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

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SPECIFICATION OF CRYSTAL UNIT

PART NO. :

SMD49S-4.7547M1730F

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	4.7547 MHz
2. Holder Type	HC49S SMD Type
3. Frequency Tolerance	± 30 ppm at 25°C
4. Equivalent Resistance	65 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	17 pF
10. Drive Level	100uW max.
11. Aging	± 3 ppm/ year
12. Oscillation Mode	Fundamental

DIMENSIONS (mm)



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DOC. No: SMD49S-4.7547MHz17pF30ppmF

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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.



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DOC. No: SMD49S