



TECHNICAL CRYSTAL (CHINA) LIMITED

德力高石英(中國)有限公司

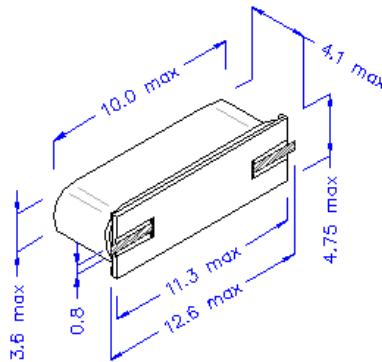
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Preview of Crystal HC-49US/SMD

Part #: 8M192FEFHREKA-49SM

- | | |
|-----------------------|----------------|
| 1. Frequency | -- 8.192 MHz |
| 2. Holder Type | -- HC-49US/SMD |



- | | |
|--------------------------------------|--|
| 3. Dimension (mm) | -- |
| 4. Mode of Oscillation | -- Fundamental |
| 5. Frequency Tolerance | -- ± 30 ppm (25°C) |
| 6. Load Capacitance, CL | -- 30 pF |
| 7. Temperature Stability | -- ± 50 ppm |
| 8. Operating Temperature | -- -20°C To +70°C |
| 9. Storage Temperature | -- -40°C To +85°C |
| 10. Equivalent Resistance, Rs | -- 60 Ω max |
| 11. Shunt Capacitance, Co | -- 7 pF max. |
| 12. Drive Level | -- 100 μ W max. |
| 13. Insulation | -- 500 meg Ω min at DC100V ± 15 V |



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|-------------------------|---|
| 14. Leakage Test | -- No continuous air bubble formed in the warm water (80°C) in 5 minutes |
| 15. Shock Test | -- Frequency shift ± 5 ppm & Rs $\pm 15\%$ after test dropping from 75cm height onto wood for 3 times |
| 16. Aging | -- ± 5 ppm / year |
| 17. Measurement | -- SAUNDERS 150D C.I. METER |
| 18. Marking | -- TIC8.192K |
| 19. Others | -- |

*** End of Specification ***

Confirmed & Approved by

Technical Crystal (China) Ltd