

X49SS2

QUARTZ CRYSTAL UNIT IN HC-49/S SMD PACKAGE WITH 2 LEADS.

PRODUCT FEATURES

- Dimensions 11.4x4.7, height 4.2 or 3.2mm with 2 leads.
- Ideal for low frequencies.
- ROHS compliant, LEAD-FREE and HALOGEN-FREE.



APPLICATIONS

• TV, Radio

• Test Equipment

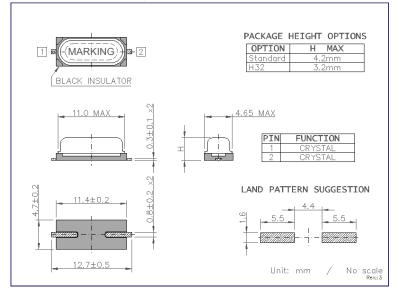
• Consumer equipment

• Computer

PRODUCT SPECIFICATIONS

| PARAMETER | X49SS2 | | CONDITIONS / REMARKS |
|------------------------------|--|--------------|--|
| Nominal frequency range | 3.0 ~ 80.0MHz | | Fundamental up to 48MHz and 3rd overtone above 24MHz. |
| Crystal cut and mode | AT-cut / FUND & 3rd OT | | |
| Frequency tolerance | ±10ppm / ±20ppm / ±30ppm | | Other options available. |
| Frequency stability | ±10ppm | ±30ppm | Other options available. |
| Operating temperature range | -20 to +70°C | −40 to +85°C | Other options available. |
| Equivalent series resistance | $200\Omega \sim 100\Omega$ $80\Omega \sim 60\Omega$ $50\Omega \sim 40\Omega$ $<30\Omega$ | | FUND - 3.0 to 5.9MHz |
| | | | FUND - 6.0 to 8.9MHz |
| | | | FUND - 9.0 to 15.9MHz |
| | | | FUND - >16.0MHz |
| | 100Ω ~ 40Ω | | 3rd OT - 24.0 to 80.0MHz |
| Load capacitance | 4 ~ 32pF or SERIES | | Please specify. |
| Shunt capacitance | <7pF | | |
| Drive level | 100μω ΤΥΡ / 500μω ΜΑΧ | | |
| Aging first year | ±5ppm | | @+25°C |

PACKAGE OUTLINE / DIMENSIONS



PACKAGING INFORMATION

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 24mm.
- Component pitch in carrier 12mm.
- Reel diameter 330mm.
- QTY per reel: 1,000pcs MAX.

RECOMMENDED WAVE SOLDER PROFILE

