

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

PRODUCT FEATURES

- Dimensions 11.4x4.7, height 13.2mm with 2 leads SMD package.
- Ideal for low frequencies.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

PRODUCT PHOTO (NOT IN SCALE)



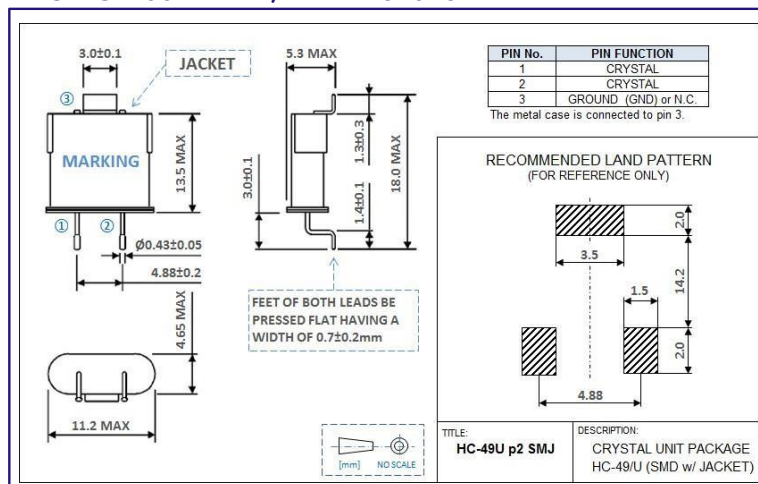
APPLICATIONS

- TV, Radio
- Industrial control
- Test Equipment
- Consumer equipment

PRODUCT SPECIFICATIONS

PARAMETER	049US2		CONDITIONS / REMARKS
Nominal frequency range	1.0 ~ 150.0MHz		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	350Ω ~ 500Ω 100Ω ~ 300Ω 60Ω ~ 100Ω <35Ω 40Ω ~ 80Ω		FUND - 1.0 to 2.4576MHz FUND - 3.0 to 3.6864MHz FUND - 4.0 to 5.0MHz FUND - >6.0MHz 3rd OT - 24.0 to 150.0MHz
Load capacitance	4 ~ 32pF or SERIES		Please specify.
Shunt capacitance	<7pF		---
Drive level	100μW TYP / 1000μW MAX		---
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: 250pcs MAX.

RECOMMENDED WAVE SOLDER PROFILE

