

CRYSTAL UNIT

ATS Series



FEATURES

- Low profile
- Industry standard lead span
- Resistance weld
- Various options

APPLICATION

- TV, VCR,DVD, Computer Audio, Module, Phone Appliance

ELECTRICAL SPECIFICATIONS

PARAMETER	ATS SERIES
Frequency Range	3.5MHz ~ 70MHz
Operating Temp. Range	0 ~ +75℃(STD)
Frequency Tolerance at 25℃	± 10, ± 15, ± 20, ± 30, ± 50PPM
Frequency Stability Vs. Temperature Range	± 20, ± 30, ± 50, ± 100PPM
Load Capacitance	Series, 16pF, 20pF, 30pF
Shunt Capacitance	7.0pF MAX
Drive Level	0.01 ~ 2000 μ W
Aging(at 25℃)	± 5PPM/year MAX
Insulation Resistance	500 Mmgoahms MIN at 100VDC
Equivalent Series Resistance &Over tone	Identical with GX-1, GX-2

EQUIVALENT SERIES RESISTANCE & OVERTONE

ATS-25U, ATS-49US, GX-1, GX-2

FREQUENCY RANGE	ESR (Ω)	OVERTONE
3.2 ~ 3.5 MHz	200 Ω MAX	FUNDAMENTAL
3.51 ~ 4.09 MHz	150 Ω MAX	FUNDAMENTAL
4.1 ~ 4.79 MHz	120 Ω MAX	FUNDAMENTAL
4.8 ~ 5.79 MHz	100 Ω MAX	FUNDAMENTAL
5.8 ~ 7.99 MHz	90 Ω MAX	FUNDAMENTAL
8.0 ~ 11.99 MHz	70 Ω MAX	FUNDAMENTAL
12.0 ~ 14.0 MHz	50 Ω MAX	FUNDAMENTAL
14.1 ~ 17.0 MHz	40 Ω MAX	FUNDAMENTAL
17.1 ~ 27.0 MHz	30 Ω MAX	FUNDAMENTAL
27.1 ~ 48.0 MHz	80 Ω MAX	3rd OVERTONE
48.1 ~ 85.0 MHz	60 Ω MAX	3rd OVERTONE

MECHANICAL DIMENSIONS

