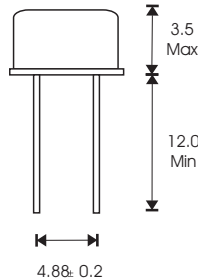
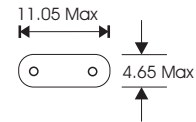


HC-49/SS



HC-49/S



FEATURES

- Standard Frequencies Ex-Stock
- Low Cost Solution
- Standard I.C Height
- Standard HC49U Base

APPLICATIONS

- Microprocessor Systems
- Datacommunications
- Consumer Electronics
- Automotive Electronics

STANDARD SPECIFICATION

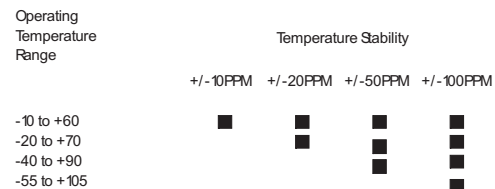
Frequency Range: 3.20 MHz to 70.00 MHz
 Adjustment Tolerance at 25°C: ± 30 PPM Max.
 Frequency Stability: ± 50 PPM Max.
 Operating Temperature Range: -10°C to +60°C
 Load Capacity: 30pF
 E.S.R: See Table
 Drive level: 100 MicroWatt
 Ageing: ± 5 PPM 1st Year Max.

Frequency Range	E.S.R	Mode
3.2 MHz ~ 3.49 MHz	200 Ω	Fund
3.5 MHz ~ 3.99 MHz	140 Ω	Fund
4.0 MHz ~ 4.39 MHz	120 Ω	Fund
4.4 MHz ~ 4.89 MHz	100 Ω	Fund
4.9 MHz ~ 5.99 MHz	80 Ω	Fund
6.0 MHz ~ 6.99 MHz	60 Ω	Fund
7.0 MHz ~ 7.99 MHz	50 Ω	Fund
8.0 MHz ~ 10.99 MHz	45 Ω	Fund
11.0 MHz ~ 11.99 MHz	40 Ω	Fund
12.0 MHz ~ 14.99 MHz	35 Ω	Fund
15.0 MHz ~ 36.00 MHz	30 Ω	Fund
27.0 MHz ~ 70.00 MHz	100 Ω	3 O/T

AVAILABLE OPTIONS

Frequency Range: 3.2 MHz ~ 70.0 MHz
 Adjustment Tolerance ± 10 PPM $\sim \pm 100$ PPM
 Load Capacity: Series or 9pF ~ 50pF
 Shunt Capacity (C0): 4.5pF ~ 7pF (Typ.)
 Dynamic Capacity (C1): 18fF ~ 20fF (Typ.)

Frequency Stability vs Operating Temperature Range



Value Added Services

In addition, AEL Crystals Ltd are able to offer our customers the following value added services:-

- Fitted Insulators
- Radial Taping
- Lead Pre-Forming
- Lead Cropping
- Earth Lead
- Bar-Coding



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