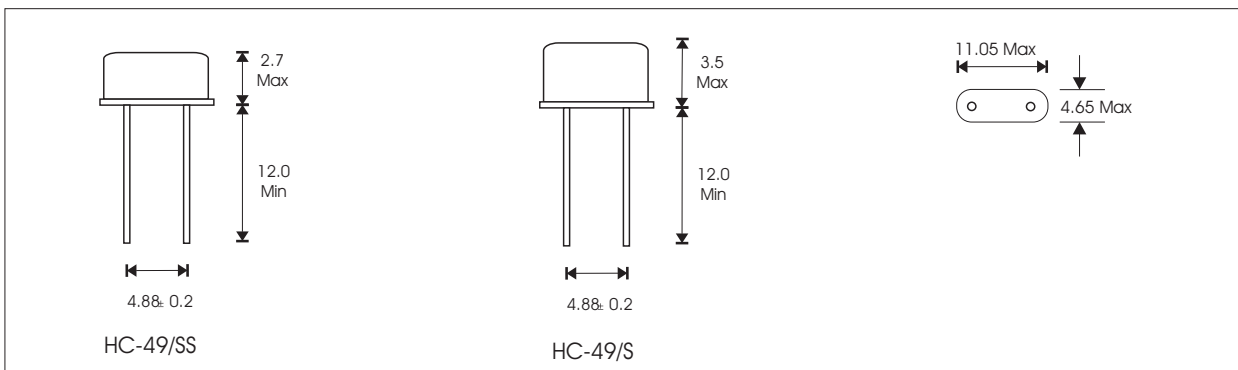


HC-49/S Low Profile Crystal

Quartz Crystal Resonators

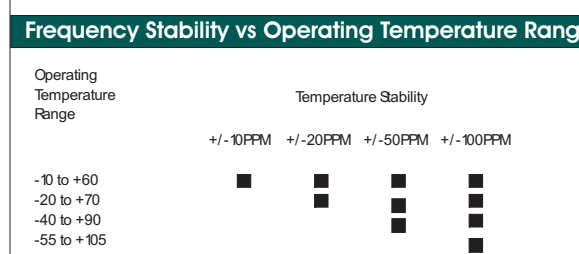


FEATURES	APPLICATIONS
<ul style="list-style-type: none"> ■ Standard Frequencies Ex-Stock ■ Low Cost Solution ■ Standard I.C Height ■ Standard HC49U Base 	<ul style="list-style-type: none"> ■ Microprocessor Systems ■ Datacommunications ■ Consumer Electronics ■ Automotive Electronics

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

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

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



Value Added Services

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

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



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