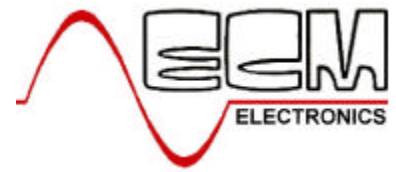


# ECM Standard Low Profile Crystal



## HC49/4 - HC49/S

- In Depth Stock
- Standard Frequencies
- Fast Delivery
- Competitive Prices For Volume Users
- Custom Options Available

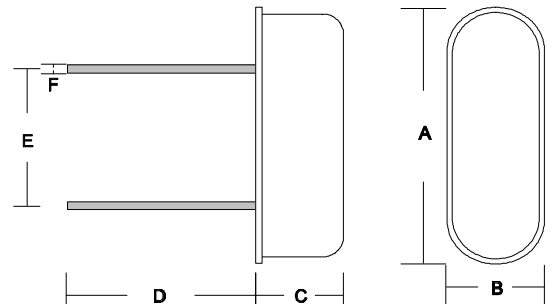


Parameter	HC49/4–HC49/S ECM10E	
Frequency Range	3.200MHz to 50.000MHz 50.001MHz to 75.000MHz	Fund 3 <sup>rd</sup> O/T
Calibration Tolerance @25°C	+/- 30ppm standard other options available	Specify
Temperature Tolerance	+/- 50ppm other options available	Specify
Operating Temperature	-10°C to +60°C other options available	Specify
Storage Temp	-55°C to +125°C	
Load Capacitance	10pf to ∞ or Series	Specify
ESR	40Ω to 200Ω Frequency Dependant	
Shunt Capacitance	7.0pf max	
Drive Level	1.0mW max	
Ageing	+/- 3ppm First Year	

Environmental & Mechanical	
Temperature Cycle	MIL-STD-883C Method 1010.7
Shock	MIL-STD-883C Method 2002
Vibration	MIL-STD-883C Method 2007.2
Humidity	JIS C 5021-22
Gross Leak Test	MIL-STD-883C Method 1014.9 Condition A

### Standard Frequencies in MHz.

3.579545	8.192	18.432
3.6864	9.8304	19.6608
4.00	10.00	20.00
4.032	10.752	22.1184
4.096	11.0592	24.00014
4.194304	12.00	24.576
4.433619	12.288	28.224
4.9152	14.31818	29.4912
6.00	14.7456	32.00
6.144	15.36	32.768
7.3728	16.00	35.2512
7.68	16.384	40.32
8.00	16.9344	56.448



A	B	C	D	E	F
11.20	4.65	3.50	12.70	4.90	0.43

Dimensions in mm

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Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

Issue 1