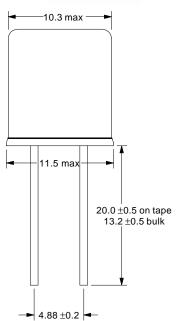






AT-CUT CRYSTAL, HC-49/T, HC-49/U, Style Holders

- Thru Hole package
- Available in 2 different heights: 11.1mm (HC-49/T), 13.46mm (HC-49/U)
- Frequency stability from ±10ppm to ±50ppm
- Bulk or Tape & Reel



ELECTRICAL SPECIFICATIONS					
Frequency Range		1.8 to 160.0MHz			
Operating Temp. Range		-20°C to +70°C (STD)			
Frequency Tolerance	@25°C	±10, ±15, ±20, ±30, ±50ppm			
	Vs Temp. Range	±10, ±15, ±20, ±30, ±50ppm			
Aging @25°C		±5ppm/year max.			
Load Capacitance		16pF, 18pF, 20pF, 30pF			
Drive Level		.01 to 2000mW			
Shunt Capacitance		7.0pF max.			
Insulation Resistance		500 MΩ min @100Vdc			

EQUIVALENT SERIES RESISTANCE & MODE						
Frequency Range		E	SR (Ω)	Mode		
1.8 ~ 2.9	MHz	800	Ω max	Fundamental		
3.0 ~ 3.4	MHz	300	Ω max	Fundamental		
3.5 ~ 4.9	MHz	150	Ω max	Fundamental		
5.0 ~ 6.9	MHz	75	Ω max	Fundamental		
7.0 ~ 9.9	MHz	50	Ω max	Fundamental		
10.0 ~ 20.0	MHz	30	Ω max	Fundamental		
20.1 ~ 27.0	MHz	30/50	Ω max	3rd Overtone		
27.1 ~ 75.0	MHz	100	Ω max	3rd Overtone		

