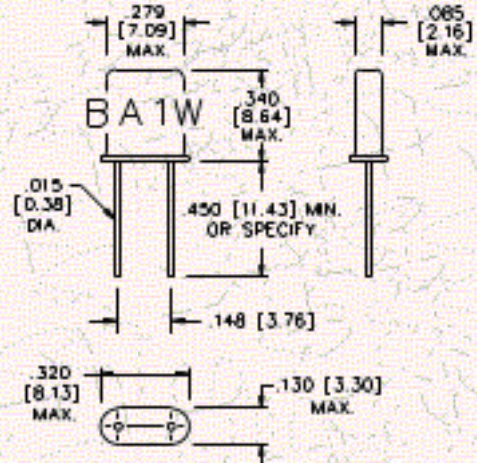
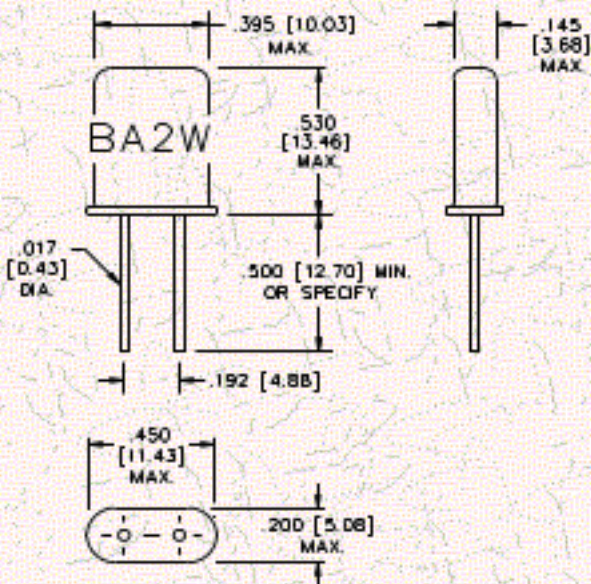
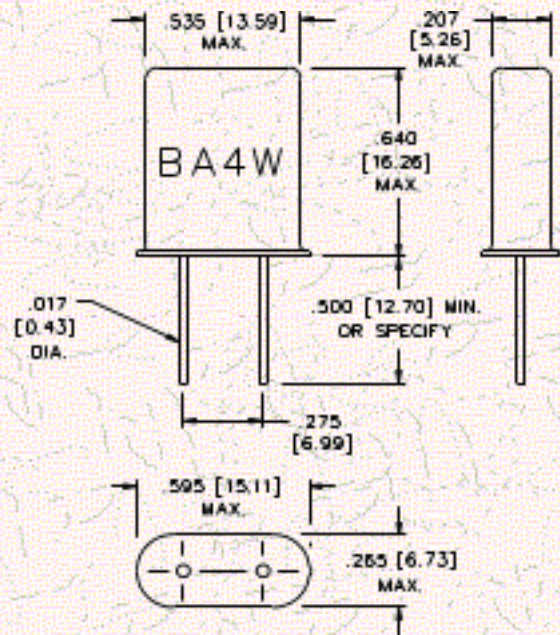
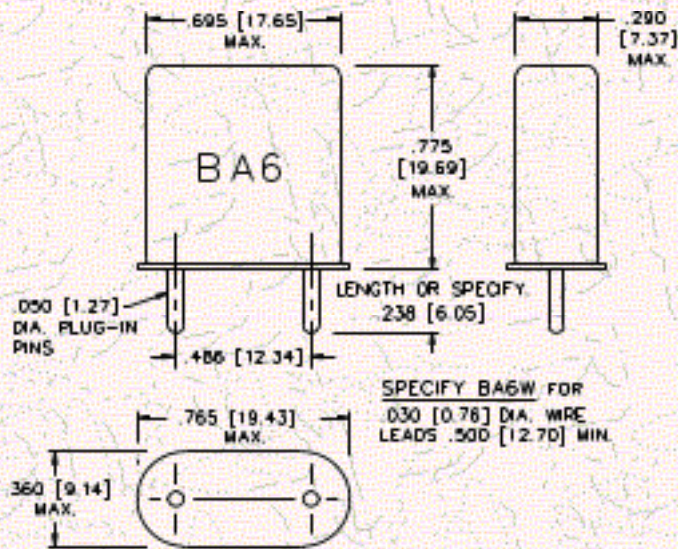


# BLILEY CRYSTALS

## Coldweld Vacuum Sealed

Although similar in appearance and configuration to a commonly used solder-sealed counterpart, Bliley's **BA** series features unexcelled process cleanliness and flux-free sealing in a vacuum to minimize contamination. Improved aging and reliability result at a modest cost premium. The following data is suggested for general guidance. Superior performance in temperature stability and aging can be provided if required.





Bliley Type	BA6	BA6W	BA4W	BA2W	BA1W
Mil-H-10056 Holder Designation	HC-36/U	HC-47/U	HC-46/U Size	HC-43/U	HC-45/U
Aging Guidelines	1 ppm		1 ppm	2 ppm	
1st Month	1 ppm		1.5 ppm	2 ppm	
Following Year					
Vibration	10 G from 10 to 2000 Hz				
Shock	100 G for 11 ms				

Internally ruggedized designs are available for higher level shock and vibration.

Bliley Type	Frequency Range (MHz)	Crystal Cut-AT (Mode)	Max Series Res. (Ohms)	Freq. Tol. (%) vs Temp. Range (° C) (Includes Calibration at +25 ° C)				Typical Drive Level (mW)
				0 to +50	0 to +75	-40 to +70	-55 to +105	
BA6	1 - 2	FUNDAMENTAL	350	± .0015	± .002	± .0025	± .003	0.5
BA6 & BA4W	2 - 3		175					
	3 - 4		75					
BA6,	4 - 7		50					
BA4W,	7 - 10		30					
BA2W & BA1W*	10 - 20*		25					
	20 - 90*	3RD	30					
BA2W & BA1W	90 - 150	5TH	50					
	150 - 200	7TH	125					

