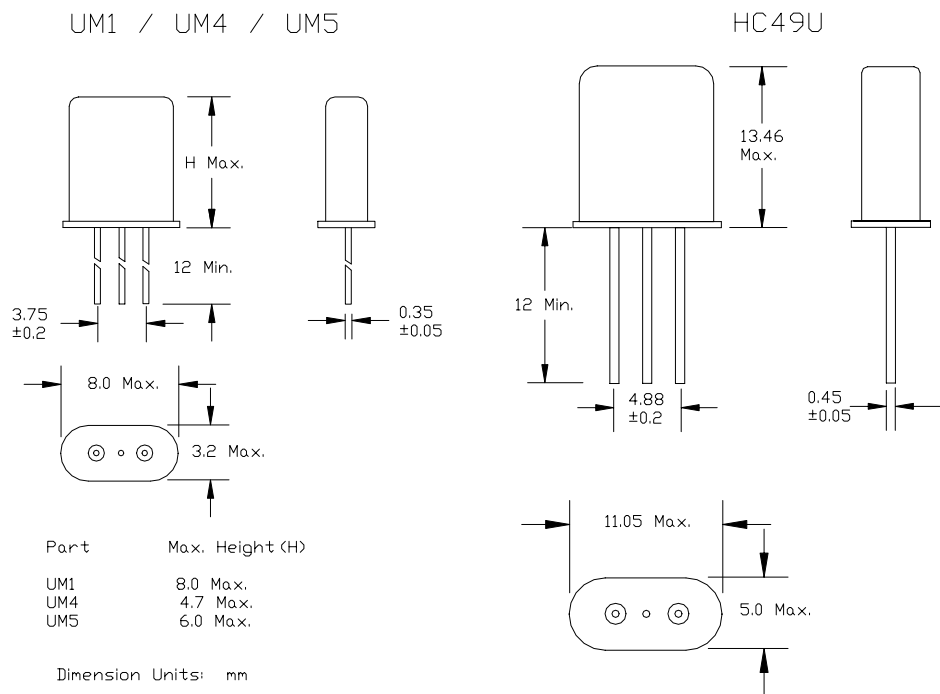




# Crystal Filter 3 Lead Metal Package

IXF Series

Frequency Range (MHz)	10 MHz to 120 MHz
3 dB Bandwidth	$\pm 2$ KHz to $\pm 20$ KHz, See Table
Insertion loss	1.5 dB to 6 dB, depends on frequency and number of poles
Ultimate Rejection	-35 dB to -80 dB, depends on frequency and number of poles
Crystal Cut	AT Cut
Aging	$\pm 5$ ppm Max. / Year Standard
Temperature	
Operating	-20° C to +70° C Standard
Storage	-40° C to +85° C Standard
Environmental	See Appendix B for information
Package Information	MSL = N.A., Termination, UM1 = e4    Termination, HC49U = e1



Surface mount and filter module packages are also available, contact ILSI America.

Part Number Guide		Sample Part Number: IXF - 10A15AA				
Filter	Frequency **	Package	Bandwidth	Poles	Mode	Impedance
IXF -	10 = 10.7 MHz	A = HC49U	2 = $\pm 2$ KHz	A = 2 Pole	F = Fundamental	**
	21 = 21.4 MHz	B = UM1	3 = $\pm 3$ KHz	B = 4 Pole *	T = 3 <sup>rd</sup> Overtone ***	
	45 = 45.0 MHz	C = UM4	4 = $\pm 3.75$ KHz	C = 6 Pole *		
	55 = 55.025 MHz	D = UM5	6 = $\pm 6$ KHz	D = 8 Pole *		
	56 = 55.845 MHz		7 = $\pm 7.5$ KHz			
	58 = 58.1125 MHz		8 = $\pm 8.5$ KHz			
	70 = 70.000 MHz		15 = $\pm 15$ KHz			
	90 = 90.000 MHz		20 = $\pm 20$ KHz			

\* - 2 poles per package, 4 / 6 / 8 poles are matched sets..

\*\* - Contact ILSI America for additional options.

\*\*\* - Available at 30 MHz and above.