

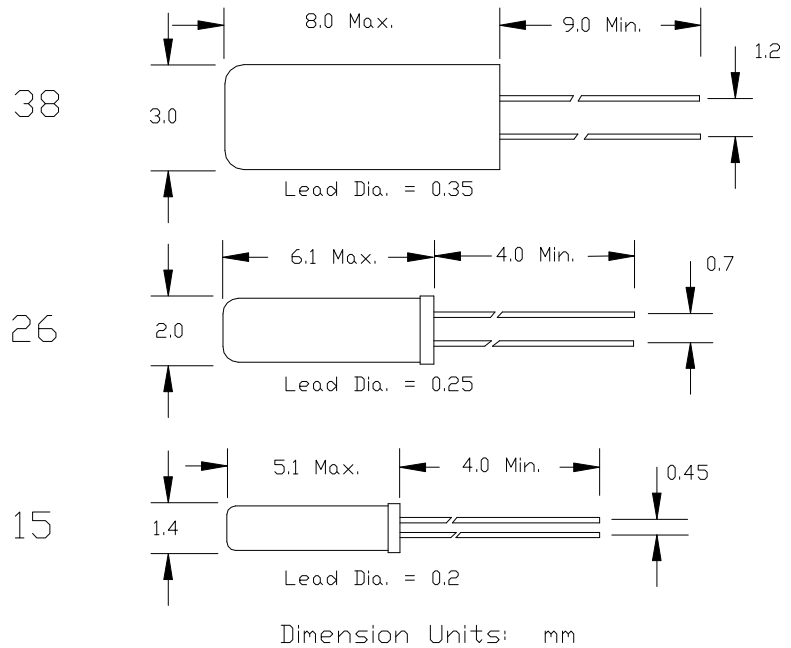


Leaded Crystal, X cut  
2 Lead Metal Packages, 3 x 8 mm, 2 x 6 mm, 1 x 5 mm

38 / 26 / 15 Series

Frequency Range (KHz)	30.000 KHz – 192.000 KHz (15 package only available at 32.768 KHz)
Equivalent Series Resistance ( $\Omega$ Max.)	See Table (15 package 40K $\Omega$ Max.)
Shunt Capacitance (C0)	0.8 pF to 1.7 pF Typical
Frequency Tolerance	$\pm 30$ ppm Standard (see Appendix A for more options)
Frequency Stability over Temperature	X cut (see Appendix D, page 5 for information)
Frequency / Temperature Coefficients	-0.034 ppm / ° C Typical. Inflection point approx. 27° C
Load Capacitance	12.5 pF Standard (see Appendix A for more options)
Drive Level	1 uW Max.
Aging	$\pm 5$ ppm Max. / Year Standard
Temperature	
Operating	0° C to +70° C Standard (see Appendix A for more options)
Storage	-40° C to +85° C Standard
Environmental	See Appendix B for information
Package Information	MSL = N.A., Termination = e1

Frequency (KHz)	26 - ESR (K $\Omega$ Max.)	38 - ESR (K $\Omega$ Max.)
30 to 31.9	40	30
32 to 39.9	35	30
40 to 59.9	30	30
60 to 99.9	25	25
100 to 192	20	20



Formed leads available, contact ILSI America.

Part Number Guide		Sample Part Number: 26 - HX1F12.5 - 32.768 KHz				
Package	Frequency Tolerance	Frequency Stability	Operating Temp.	Mode	Load Capacitance	Frequency
26 -	H = $\pm 20$ ppm	X = X cut	1 = 0° C to +70° C	F = Fundamental	12.5 = 12.5 pF	- 32.768 KHz