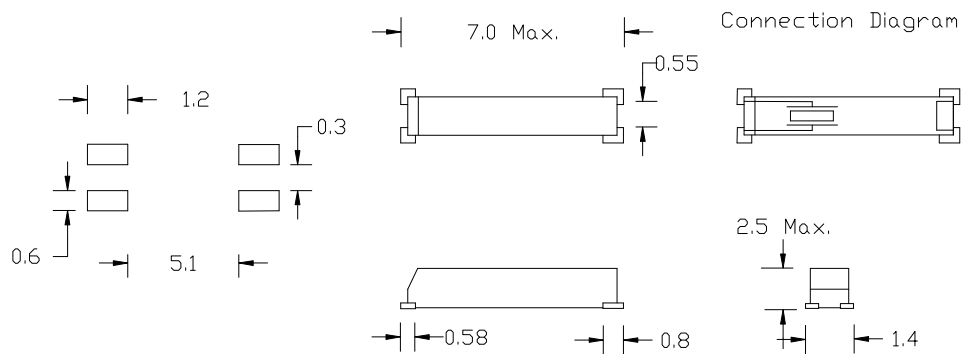




SMD Crystal, X cut  
4 Pad Plastic Package, 1.4 mm x 7 mm

IL3R Series

Frequency Range (KHz)	32.768 KHz
Equivalent Series Resistance ( $\Omega$ )	65 K Max.
Shunt Capacitance (C0)	1.2 pF Typical
Frequency Tolerance	$\pm 20$ 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 or 7 pF Standard
Drive Level	1 uW Max.
Aging	$\pm 5$ ppm Max. / Year Standard
Temperature	
Operating	-40° C to +85° C Standard (see Appendix A for more options)
Storage	-40° C to +85° C Standard
Environmental / Tape and Reel	See Appendix B for Environmental information, Appendix C for Tape and Reel information
Package Information	MSL = 2a, Termination = e1



Dimension Units: mm

Part Number Guide		Sample Part Number: IL3R - HX5F12.5 - 32.768 KHz				
Package	Frequency Tolerance	Frequency Stability	Operating Temp.	Mode	Load Capacitance	Frequency
IL3R -	H = $\pm 20$ ppm	X = X cut	5 = -40° C to +85° C	F = Fundamental	12.5 = 12.5 pF	- 32.768 KHz