

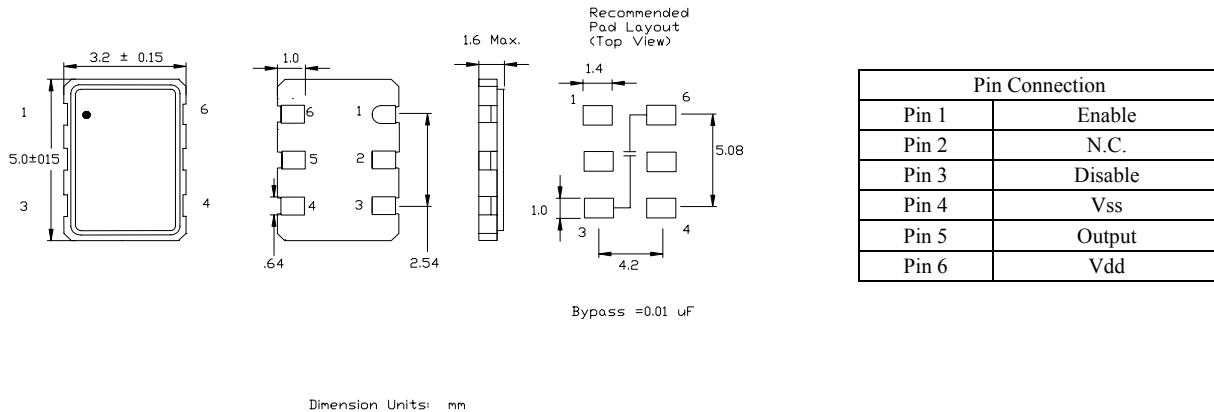


QRO Series

SMD Oscillator, 5x3.2mm, LVDS or LVPECL

Frequency	80 MHz to 270 MHz	25 MHz to 350 MHz
Output Level	LVDS	LVPECL
Level – Vdd 2.5V	VOH = 1.43 typ. VOL = 1.10 typ.	VOH = 1.475 Min. VOL = 1.095 Max.
Level – Vdd 3.3V	VOH = 1.43 typ. VOL = 1.10 typ.	VOH = 2.275 Min. VOL = 1.680 Max.
Duty Cycle	50% ± 5%	
Rise / Fall Time	0.7 nS Max.	
Output Load	100 Ω (offset 1.25V typ.)	50 Ω to Vcc - 2.0 VDC
Frequency Stability	See Frequency Stability Table	
Supply Voltage	See Supply Voltage Table (Tolerance ±5 %)	
Current	55 mA Typ.	
Temperature		
Operating	See Operating Temperature Table	
Storage	-55° C to +125° C	
Package Information	MSL = N.A., Termination = e4	

Part Number Guide		Sample Part Number: QRO - 3AA1T - 100.000				
Package	Supply Voltage	Operating Temperature	Output	Frequency Stability	Enable / Disable	Frequency
QRO-	2 = 2.5 VDC	A = 0° C to +70° C	A = LVDS	1 = ±100 ppm	T = Yes	-100.000 MHz
	3 = 3.3 VDC	C = -20° C to +70° C	B = LVPECL	2 = ±50 ppm		
		E = -40° C to +85° C		3 = ±25 ppm		



QVS TECH INC
 6965 El Camino Real, Ste 105 Carlsbad, CA 92009 Phone: 760-929-8677 Fax: 760-929-8077
 email: sales@qvstech.com

Specifications subject to change without notice