



## CRO Product Specification

**Model:** CRO191-2688T      **Rev:** P1      **Date:** 6/7/2005  
**Customer:** SIRENZA MICRODEVICES  
**Operating Temperature Range:** ( -10 ° to 85 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -		2688		MHz	X	
Tuning Voltage - 2688 MHz	0	1.65	3.3	Vdc	X	
Tuning Sensitivity -	2	4	8	MHz/V	X	
Output Power -	0	3	6	dBm	X	
Output Phase Noise:						
10 kHz		-110	-104	dBc/Hz		
100 kHz		-130	-124	dBc/Hz	X	
Power Supply -	3.2	3.3	3.4	Volts		
Supply Current -		19	40	mA	X	
Harmonic Suppression:						
2nd Harmonic		-20	-10	dBc	X	
3rd Harmonic		-35	-20	dBc	X	
Spurious (Non-Harmonic) -			-90	dBc		
Frequency Pushing - 3.2-3.4 V		0.1	0.3	MHz p-p		
Frequency Pulling - into a 12 dB RL		2	3	MHz p-p		
Tuning Port Capacitance -		18		pF		
Output Impedance -		50		Ω		

### Package Information

Package Type:	T	Drawing Number:	60035
Dimensions:	0.5 x 0.5 x 0.223 inches	Drawing Revision:	D

### Comments

**X** Indicates parameter to be tested 100% in production

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