



CRO Product Specification

Model: CRO190-2850T **Rev:** P1 **Date:** 8/23/2005
Customer: SIRENZA MICRODEVICES
Operating Temperature Range: (-40 ° to 85 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -		2850		MHz	X	
Tuning Voltage - 2850 MHz	0.5	2.5	4.5	Vdc	X	
Tuning Sensitivity -	6	9	12	MHz/V	X	
Output Power -	3	6	9	dBm	X	
Output Phase Noise:						
10 kHz		-116	-111	dBc/Hz		
100 kHz		-136	-131	dBc/Hz	X	
Power Supply -	4.9	5	5.1	Volts		
Supply Current -		25	30	mA	X	
Harmonic Suppression:						
2nd Harmonic		-20	-10	dBc	X	
3rd Harmonic		-30	-20	dBc	X	
Spurious (Non-Harmonic) -			-90	dBc		
Frequency Pushing - 4.9-5.1 V		0.1	0.3	MHz p-p		
Frequency Pulling - into a 12 dB RL		2	3	MHz p-p		
Tuning Port Capacitance -		20		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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