



CRO Product Specification

Model: CRO193-1810T **Rev:** P2 **Date:** 3/21/2005

Customer: SIRENZA MICRODEVICES, INC.

Operating Temperature Range: (-40 ° to 70 ° C)

Parameter	Min	Typ	Max	Units	X	Remarks
Frequency Range -	1780		1840	MHz	X	
Tuning Voltage:						
1780 MHz	0	1		Vdc	X	
1840 MHz		11	12	Vdc	X	
Tuning Sensitivity -	4	6	12	MHz/V	X	
Output Power -	4	7	10	dBm	X	
Output Phase Noise:						
10 kHz		-118	-113	dBc/Hz		
100 kHz		-140	-135	dBc/Hz	X	
Power Supply -	5.9	6	6.1	Volts		
Supply Current -		25	30	mA	X	
Harmonic Suppression:						
2nd Harmonic		-20	-10	dBc	X	
3rd Harmonic		-20	-15	dBc	X	
Spurious (Non-Harmonic) -			-90	dBc		
Frequency Pushing - 5.9-6.1 V		0.1	0.3	MHz p-p		
Frequency Pulling - into a 12 dB RL		1	2	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:	E

Comments

X Indicates parameter to be tested 100% in production

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