Resistance Weld SMD Crystal

For use with IDT's VCXO-based Synchronization PLLs

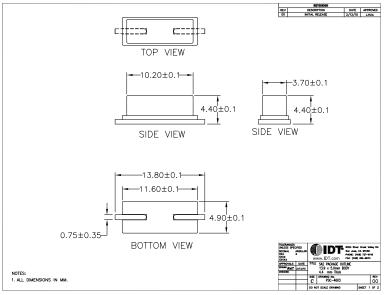
DATASHEET

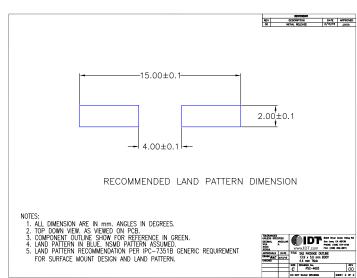
Specifications

Parameters	Ratings/Units		
Frequency	25.78125 MHz		
Resonance Mode	Fundamental		
Frequency Tolerance @ 25°C	±20 PPM		
Frequency Stability, ref @ 25°C Over Operating Temperature Range	±20 PPM		
Temperature Range Operating (TOPR)	-40°C ~ +85°C		
Temperature Range, Storage (TSTG)	-40°C ~ +85°C		
Equivalent Series Resistance (ESR)	20 Ohms		
Shunt Capacitance (Co)	7 pF		
Load Capacitance (CL)	10 pF		
Drive Level	0.5 mW		
Aging per year	±5 PPM		
Maximum Soldering Temp / Time	260°C / 10 Seconds		
Moisture Sensitivity Level (MSL)	1		
Termination Finish (96.5% - 3% - 0.5%)	Sn - Ag - Cu		
Weight (TYP)	649.385 mg		

Note: Dimensional drawing is for reference to critical specifications defined by size measurements. Certain non-critical visual attributes, such as side castellations, etc. may vary. The above specifications, having been carefully prepared and checked, is believed to be accurate at the time of publication; however, no responsibility is assumed by IDT for inaccuracies. All specifications subject to change without notice.

Package Outline and Dimensions (SA2)





Ordering Information

Part / Order Number	Shipping Packaging	Package	Temperature
278-25.78125-1SA2I	Cut-Tape	13.9 x 5.0 x 4.4 mm SA2	-40° to +85°
278-2578125-1SA2I8	Tape and Reel	13.9 x 5.0 x 4.4 mm SA2	-40° to +85°



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