

For use with IDT's VCXO-based Synchronization PLLs

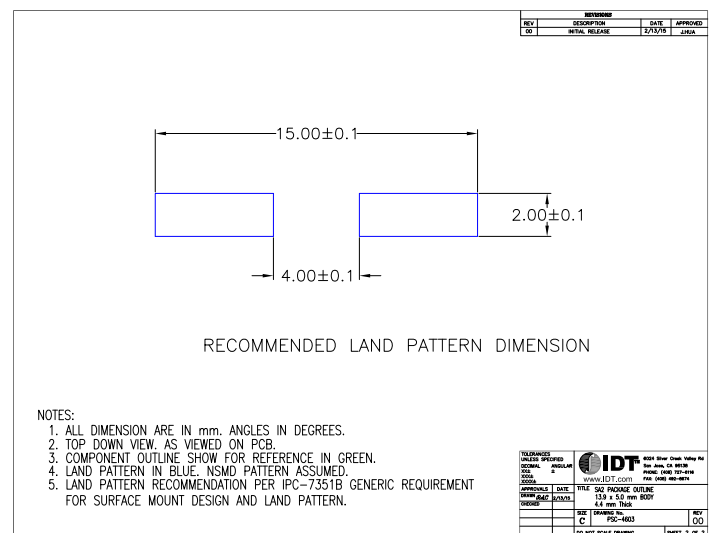
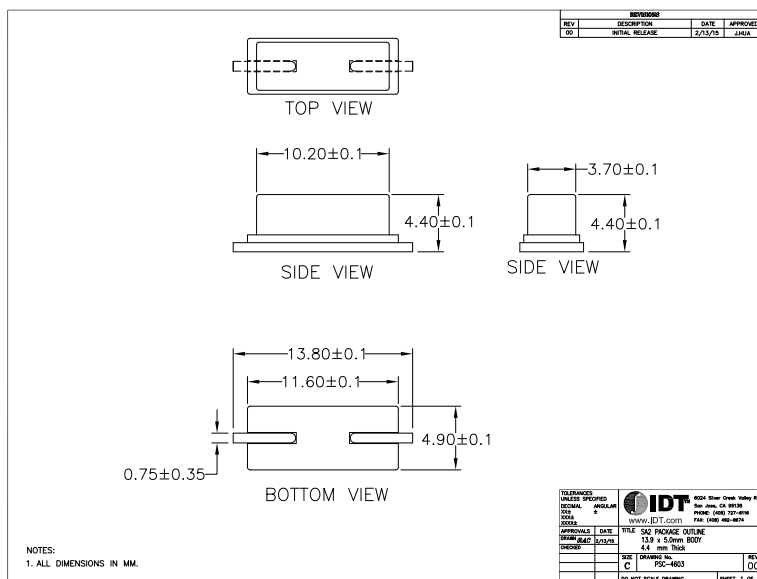
DATASHEET

Specifications

Parameters	Ratings/Units
Frequency	25.000 MHz
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±20 PPM
Frequency Stability, ref @ 25°C Over Operating Temperature Range	±20 PPM
Temperature Range Operating (T _{OPR})	-40°C ~ +85°C
Temperature Range, Storage (T _{STG})	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	40 Ohms
Shunt Capacitance (C ₀)	4.0 pF
Pullability (C ₀ / C ₁)	270
Load Capacitance (C _L)	10 pF
Drive Level	1.0 mW
Aging per year	±3 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 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
278-25-336SA2I	Cut-Tape	13.9 x 5.0 x 4.4 mm SA2	-40° to +85°
278-25-336SA2I8	Tape and Reel	13.9 x 5.0 x 4.4 mm SA2	-40° to +85°

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