

For use with IDT's VCXO-based Synchronization PLLs

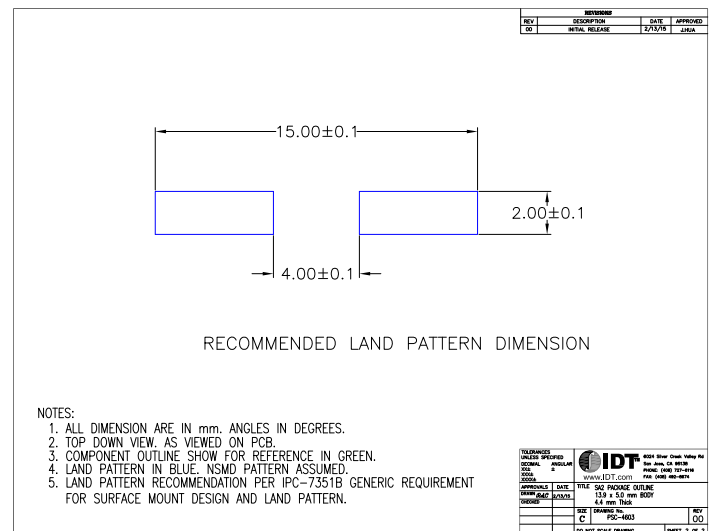
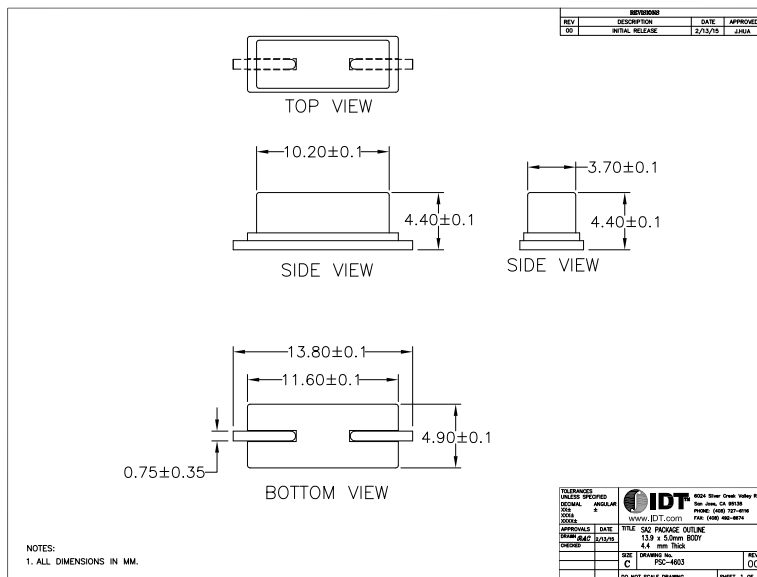
DATASHEET

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 (TOPR) | -40°C ~ +85°C |
| Temperature Range, Storage (TSTG) | -40°C ~ +85°C |
| Equivalent Series Resistance (ESR) | 40 Ohms |
| Shunt Capacitance (Co) | 4.0 pF |
| Pullability (C0 / C1) | 270 |
| Load Capacitance (CL) | 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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