

*For use with IDT's VCXO-based Synchronization PLLs*

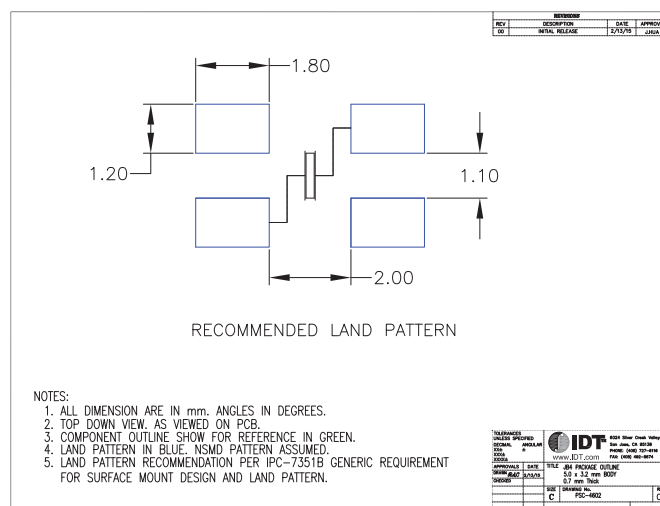
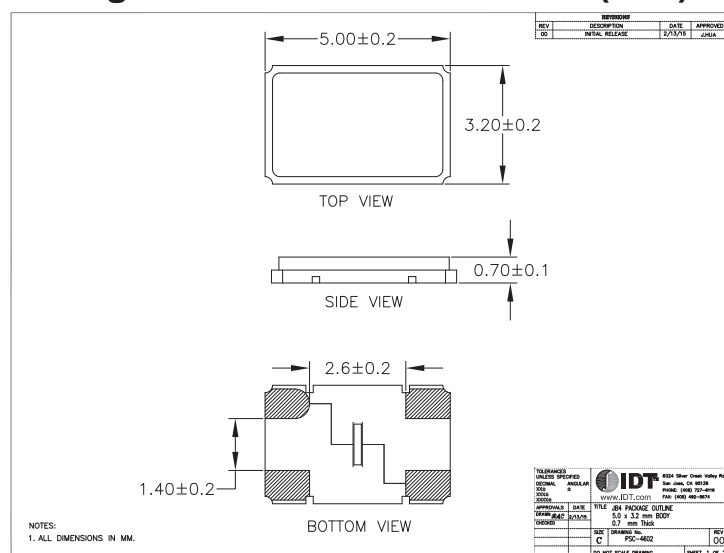
# DATASHEET

## Specifications

| Parameters  | Ratings/Units                  |
|---|--------------------------------|
| Frequency   | 24.8832 MHz                    |
| Resonance Mode  | Fundamental                    |
| Frequency Tolerance @ 25°C  | ±10 PPM                        |
| Frequency Stability, ref @ 25°C<br>Over Operating Temperature Range | ±20 PPM                        |
| Temperature Range:<br>Operating (TOPR)<br>Storage (TSTG)            | -40°C ~ +85°C<br>-40°C ~ +85°C |
| Equivalent Series Resistance (ESR)                                  | 40 Ohms                        |
| Shunt Capacitance (Co)  | 7.0 pF                         |
| Load Capacitance (CL)   | 10 pF                          |
| Drive Level   | 0.2 mW                         |
| Pullability 7.5 ~ 14.8 pF   | ±80 PPM                        |
| Aging 10 years  | ±11 PPM                        |
| Maximum Soldering Temperature/Time                                  | 260°C / 10 seconds             |
| Moisture Sensitivity Level (MSL)                                    | 1                              |
| Termination Finish  | Au                             |
| Weight (Typ)  | 42.78 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 (JB4)



## Ordering Information

| Part / Order Number | Shipping Packaging | Package                | Temperature   |
|---------------------|--------------------|------------------------|---------------|
| 495-24.8832-2JB4I   | Cut-Tape           | 5.0 x 3.2 x 0.7 mm JB4 | -40 to +85 °C |
| 495-24.8832-2JB4I8  | Tape and Reel      | 5.0 x 3.2 x 0.7 mm JB4 | -40 to +85 °C |



**Corporate Headquarters**  
6024 Silver Creek Valley Road  
San Jose, CA 95138 USA

**Sales**  
1-800-345-7015 or 408-284-8200  
Fax: 408-284-2775  
www.IDT.com

**Tech Support**  
email: [clocks@idt.com](mailto:clocks@idt.com)

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