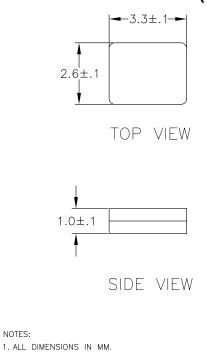


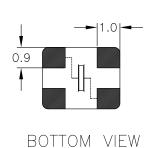
DATASHEET

Specifications

Parameters	Ratings/Units		
Frequency	25.000 MHz		
Resonance Mode	Fundamental		
Frequency Tolerance @ 25°C	±20 PPM Max		
Frequency Stability, ref @ 25°C Over Operating Temperature Range	±20 PPM Max		
Temperature Range Operating (TOPR)	0°C ~ +70°C -40°C ~ +85°C		
Temperature Range, Storage (TsTg)	-40°C ~ +85°C		
Equivalent Series Resistance (ESR)	50 Ohms Max		
Shunt Capacitance (Co)	7 pF Max		
Load Capacitance (CL)	8 pF		
Drive Level	0.3 mW Max		
Aging per year	±5 PPM Max		
Maximum Soldering Temp / Time	260°C / 10 Seconds		
Moisture Sensitivity Level (MSL)	1		
Termination Finish	Au		
Weight (TYP)	16.75 mg		
RoHS Compliant, Pb-free			

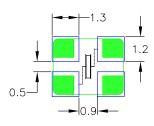
Package Outline and Dimensions (JA4)





NOTES:

Package Outline and Dimensions (JA4), cont.



RECOMMENDED LAND PATTERN

NOTES:

1. ALL DIMENSION ARE IN mm. ANGLES IN DEGREES.

2. TOP DOWN VIEW. AS VIEWED ON PCB.
3. COMPONENT OUTLINE SHOW FOR REFERENCE IN GREEN.
4. LAND PATTERN IN BLUE. NSMD PATTERN ASSUMED.
5. LAND PATTERN RECOMMENDATION PER IPC—7351B GENERIC REQUIREMENT. FOR SURFACE MOUNT DESIGN AND LAND PATTERN.

TOLERANCES UNLESS SPE DECIMAL XX± XXX± XXXX±		w w	IDT*	San Jose, PHONE: (4	er Creek Vo CA 95138 08) 727-6) 492-8674	16
APPROVALS	DATE	TITLE JA4 PACKAGE OUTLINE				
DRAWN RAC	2/5/15	3.2 x 2.5 mm B00Y				
CHECKED	17.7.	1.0 mm Thick CLCC				
		SIZE	DRAWING No.			REV
		C	PSC-4499			01
		DO NO	OT SCALE DRAWING		SHEET 2	OF 2

Ordering Information

Part / Order Number	Shipping Packaging	Package	Temperature
603-25-150JA4C	Cut-Tape	3.2 x 2.5 x 1.0 mm JA4 CLCC	0 to +70 °C
603-25-150JA4C8	Tape and Reel	3.2 x 2.5 x 1.0 mm JA4 CLCC	0 to +70 °C
603-25-150JA4I	Cut-Tape	3.2 x 2.5 x 1.0 mm JA4 CLCC	-40 to +85 °C
603-25-150JA4I8	Tape and Reel	3.2 x 2.5 x 1.0 mm JA4 CLCC	-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

DISCLAIMER Integrated Device Technology, Inc. (IDT) and its subsidiaries reserve the right to modify the products and/or specifications described herein at any time and at IDT's sole discretion. All information in this document, including descriptions of product features and performance, is subject to change without notice. Performance specifications and the operating parameters of the described products are determined in the independent state and are not guaranteed to perform the same way when installed in customer products. The information contained herein is provided without representation or warranty of any kind, whether express or implied, including, but not limited to, the suitability of IDT's products for any particular purpose, an implied warranty of merchantability, or non-infringement of the intellectual property rights of others. This document is presented only as a guide and does not convey any license under intellectual property rights of IDT or any third parties.

IDT's products are not intended for use in applications involving extreme environmental conditions or in life support systems or similar devices where the failure or malfunction of an IDT product can be reasonably expected to significantly affect the health or safety of users. Anyone using an IDT product in such a manner does so at their own risk, absent an express, written agreement by IDT.

Integrated Device Technology, IDT and the IDT logo are registered trademarks of IDT. Product specification subject to change without notice. Other trademarks and service marks used herein, including protected names, logos and designs, are the property of IDT or their respective third party owners.