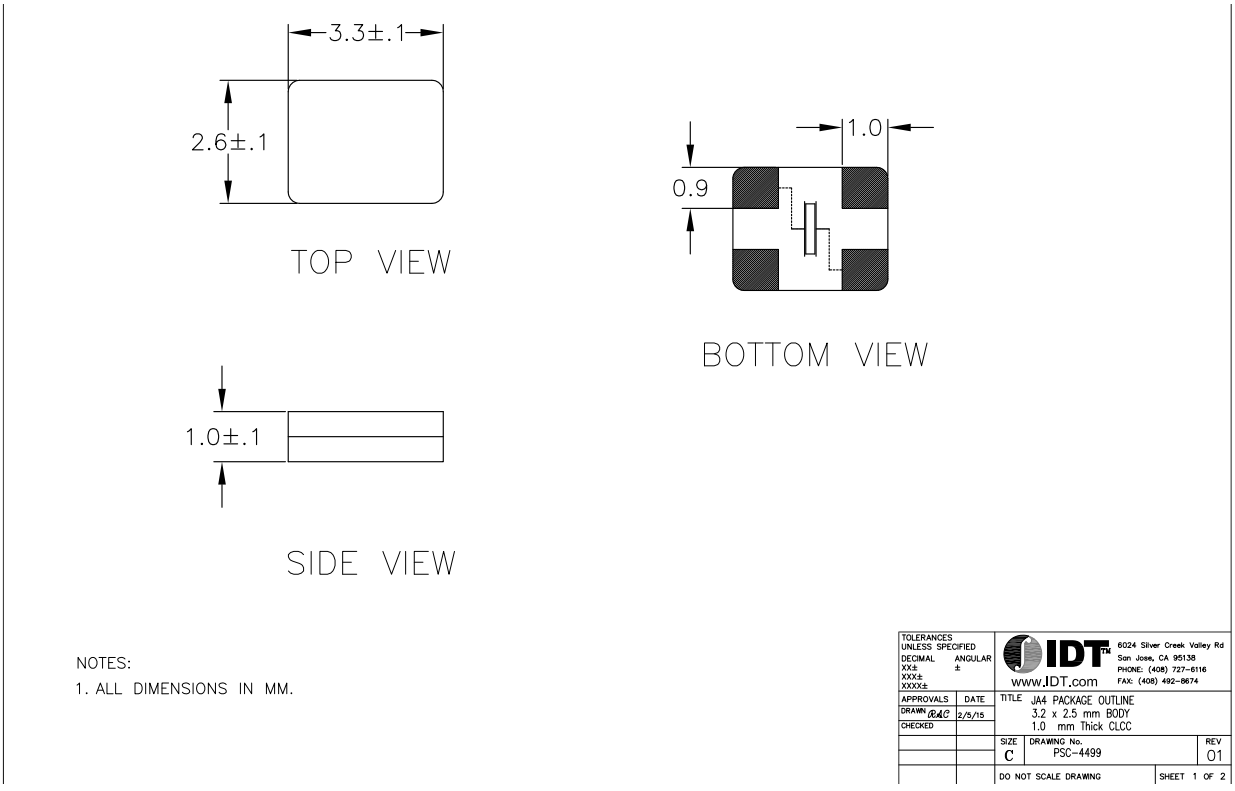
Specifications

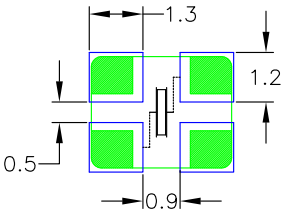
Parameters	Ratings/Units
Frequency	40.000 MHz
Resonance Mode	Fundamental
Frequency Tolerance @ 25°C	±20 PPM Max
Frequency Stability, ref @ 25°C Over Operating Temperature Range	±20 PPM Max
Temperature Range, Operating (T_{OPR})	-40°C ~ +85°C
Temperature Range, Storage (T_{STG})	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	30 Ohms Max
Shunt Capacitance (C_O)	5 pF Max
Load Capacitance (C_L)	12 pF
Drive Level	0.3 mW Max
Aging over 10 years	±10 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)



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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 SPECIFIED DECIMAL ANGULAR XX± ± XXX± XXXX±	IDT™ 6024 Silver Creek Valley Rd San Jose, CA 95138 www.IDT.com PHONE: (408) 727-6116 FAX: (408) 492-8674	
APPROVALS DATE DRAWN JGAC 2/5/15 CHECKED	TITLE JA4 PACKAGE OUTLINE 3.2 x 2.5 mm BODY 1.0 mm Thick CLCC	
	SIZE C / DRAWING No. PSC-4499	REV 01
	DO NOT SCALE DRAWING	SHEET 2 OF 2

Ordering Information

Part / Order Number	Shipping Packaging	Package	Temperature
603-40-48JA4I	Cut-Tape	3.2 x 2.5 x 1.0 mm JA4 CLCC	-40 to +85 °C
603-40-48JA4I8	Tape and Reel	3.2 x 2.5 x 1.0 mm JA4 CLCC	-40 to +85 °C

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