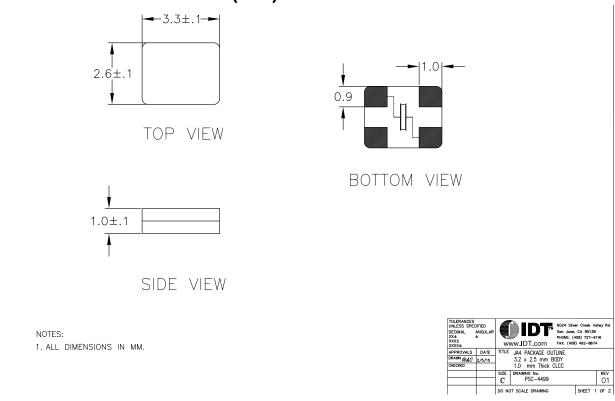


DATASHEET

Specifications

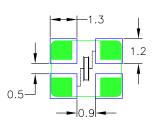
Parameters	Ratings/Units			
Frequency	25.000 MHz			
Resonance Mode	Fundamental			
Frequency Tolerance @ 25°C	±20 PPM Max			
Frequency Stability, ref @ 25°C Over Operating Temperature Range	±20 PPM Max			
Temperature Range Operating (TOPR)	0°C ~ +70°C -40°C ~ +85°C			
Temperature Range, Storage (TSTG)	-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)





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±		6024 Stiver Creek Valley Rd San Jose, CA 95138 PHONE: (408) 727–6116 FAX: (408) 492–8674				
APPROVALS	DATE	TITLE JA4 PACKAGE OUTLINE				
DRAWN RAC	2/5/15	3.2 x 2.5 mm B0DY				
CHECKED		1.0 mm Thick CLCC				
		SIZE	DRAWING No.			REV
		C	PSC-4499			01
		DO NO	OT SCALE DRAWING		SHEET 2	0F 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

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