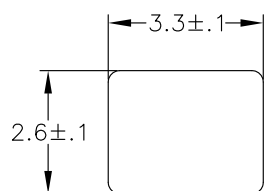


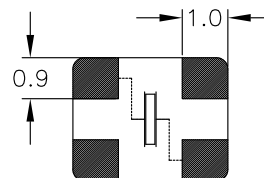
Specifications

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 (T _{OPR})	0°C ~ +70°C -40°C ~ +85°C
Temperature Range, Storage (T _{STG})	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	50 Ohms Max
Shunt Capacitance (C ₀)	7 pF Max
Load Capacitance (C _L)	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	

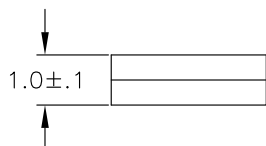
Package Outline and Dimensions (JA4)



TOP VIEW



BOTTOM VIEW

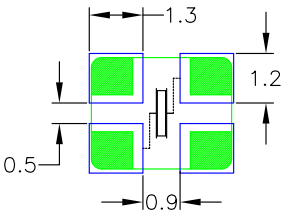


SIDE VIEW

NOTES:
1. ALL DIMENSIONS IN MM.

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XXXX±				
XXXX±				
APPROVALS	DATE	TITLE		
DRAWN <i>rac</i>	2/5/15	JA4 PACKAGE OUTLINE		
CHECKED		3.2 x 2.5 mm BODY 1.0 mm Thick CLCC		
		SIZE	DRAWING No.	REV
		C	PSC-4499	01
DO NOT SCALE DRAWING		SHEET 1 OF 2		

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.

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APPROVALS	DATE	TITLE	
DRAWN	2/5/15	JA4 PACKAGE OUTLINE	
CHECKED		3.2 x 2.5 mm BODY	
		1.0 mm Thick CLCC	
SIZE	DRAWING NO.	REV	
C	PSC-4499	01	
DO NOT 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



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