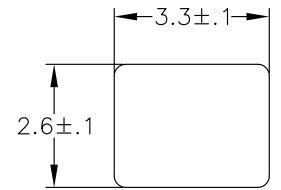


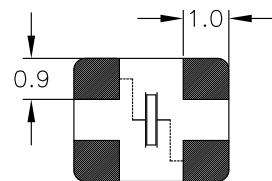
Specifications

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)	-40°C ~ +85°C
Temperature Range, Storage (TSTG)	-40°C ~ +85°C
Equivalent Series Resistance (ESR)	50 Ohms Max
Shunt Capacitance (Co)	5 pF Max
Load Capacitance (CL)	12 pF
Drive Level	0.1 mW Max
Aging over 10 years	±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	

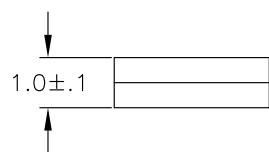
Package Outline and Dimensions (JA4)



TOP VIEW



BOTTOM VIEW



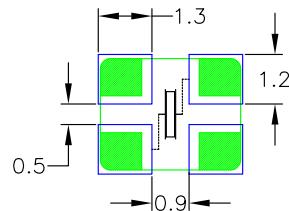
SIDE VIEW

NOTES:

- ALL DIMENSIONS IN MM.

TOLERANCES UNLESS SPECIFIED		DECMAL ANGULAR		XX-X ± XXXX-X		TITLE: JA4 PACKAGE OUTLINE 3.2 x 2.5 mm BODY 1.0 mm Thick CLCC	
APPROVALS	DATE	DRAWN	2/9/15	REVISION	04C	SIZE	DRAWING NO.
CHECKED						C	PSC-4499
							REV 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.

TOLERANCES UNLESS SPECIFIED		6024 Silver Creek Valley Rd	
DECIMAL	ANGULAR	San Jose, CA 95138	
XXXX	±	PHONE: (408) 727-8116	
XXXX		FAX: (408) 492-8674	
XXXX		www.IDT.com	
APPROVALS	DATE	TITLE: JA4 PACKAGE OUTLINE	
DRWNR	2/5/15	3.2 x 2.5 mm BODY	
CHECKED		1.0 mm thick CLCC	
		SIZE	DRAWING NO.
		C	PSC-4499
			REV
			01
DO NOT SCALE DRAWING			
SHEET 2 OF 2			

Ordering Information

Part / Order Number	Shipping Packaging	Package	Temperature
603-25-173JA4I	Cut-Tape	3.2 x 2.5 x 1.0 mm JA4 CLCC	-40 to +85 °C
603-25-173JA4I8	Tape and Reel	3.2 x 2.5 x 1.0 mm JA4 CLCC	-40 to +85 °C

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