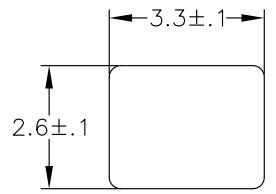


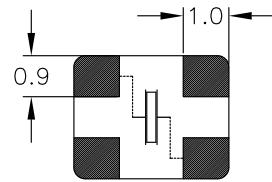
Specifications

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	

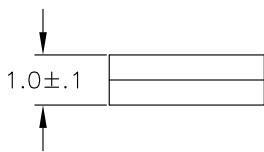
Package Outline and Dimensions (JA4)



TOP VIEW



BOTTOM VIEW



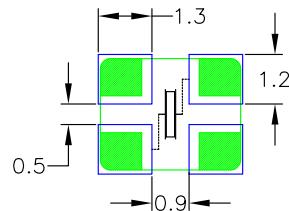
SIDE VIEW

NOTES:

1. ALL DIMENSIONS IN MM.

TOLERANCES UNLESS SPECIFIED		6024 Silver Creek Valley Rd San Jose, CA 95138 PHONE: (408) 727-6116 FAX: (408) 492-8674 WWW.IDT.com	
DECIMAL	ANGULAR		
X±.1	±		
XXX±			
XXXX±			
APPROVALS	DATE	TITLE: JA4 PACKAGE OUTLINE	
DRAWN	2/5/15	3.2 x 2.5 mm BODY	
BY		1.0 mm Thick CLCC	
CHECKED		SIZE	DRAWN NO.
		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		IDT TM 6024 Silver Creek Valley Rd San Jose, CA 95138	
DECIMAL	ANGULAR	PHONE: (408) 727-8116 www.IDT.com FAX: (408) 492-8674	
XXXX	±		
XXXX			
XXXX			
APPROVALS	DATE	TITLE: JA4 PACKAGE OUTLINE	
DRAWN	2/5/15	3.2 x 2.5 mm BODY	
CHECKED		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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