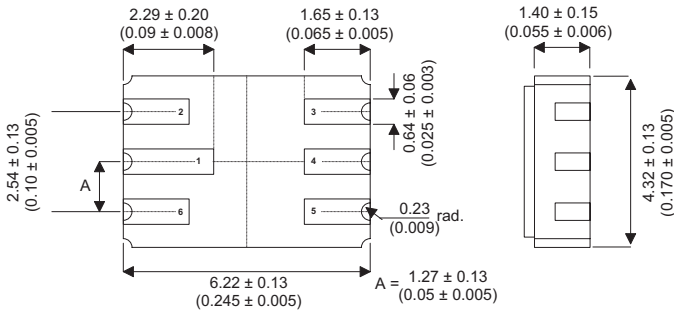


MECHANICAL DATA

Dimensions in mm (inches)

**DUAL COMMON CATHODE
PAIR SCHOTTKY DIODES
IN HERMETIC CERAMIC
SURFACE MOUNT PACKAGE
FOR HIGH RELIABILITY
APPLICATIONS**



LCC2

Underside View

PAD 1 = COMMON K₁ **PAD 3 = A_{2a}** **PAD 5 = A_{2b}**
PAD 2 = A_{1a} **PAD 4 = COMMON K₂** **PAD 6 = A_{1b}**

ABSOLUTE MAXIMUM RATINGS (T_{MB} = 25°C unless otherwise stated)

V _{RRM}	Repetitive Peak Reverse Voltage	70V
I _F	Forward Continuous Current T _A = 25°C	15mA
P _{tot}	Power Dissipation T _A = 25°C	430mW
T _{case}	Operating Temperature Range	-55 to +125°C
T _{stg}	Storage Temperature Range	-65 to +150°C
R _{th}	Junction-Ambient	TBA

ELECTRICAL CHARACTERISTICS (T_A = 25°C unless otherwise stated)

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
I _R *	Reverse Current T _{amb} = 25°C V _R = 50V			0.2	μA
V _F *	T _{amb} = 25°C I _F = 1mA			0.41	V
	T _{amb} = 25°C I _F = 15mA			1	
V _(BR)	Breakdown Voltage T _{amb} = 25°C I _R = 10μA	70			V
C	Capacitance T _{amb} = 25°C V _R = 0V f = 1MHz			2	pF
t	Effective Minority Carrier Lifetime T _{amb} = 25°C I _F = 5mA			100	ps

* Pulse test ≤ 300μs , δ ≤ 2%

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