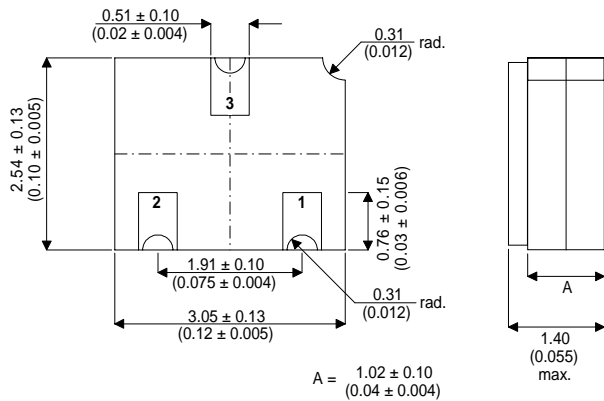


MECHANICAL DATA

Dimensions in mm (inches)



**SCHOTTKY DIODE IN
HERMETIC CERAMIC
SURFACE MOUNT PACKAGE
FOR HIGH RELIABILITY
APPLICATIONS**

**SOT23 CERAMIC
(LCC1 PACKAGE)**

Underside View

PAD 1 — Anode PAD 2 — N/C PAD 3 — Cathode

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	400°C/W

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 *	Forward Voltage 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%



LittleDiode supplies new, hard to find or obsolete electronic components and semiconductors all over the world.

With over two million different components listed you are sure to find the part you need.

Feel free to visit us today at our online store:

LittleDiode.com

Looking forward to providing you with the best possible service.