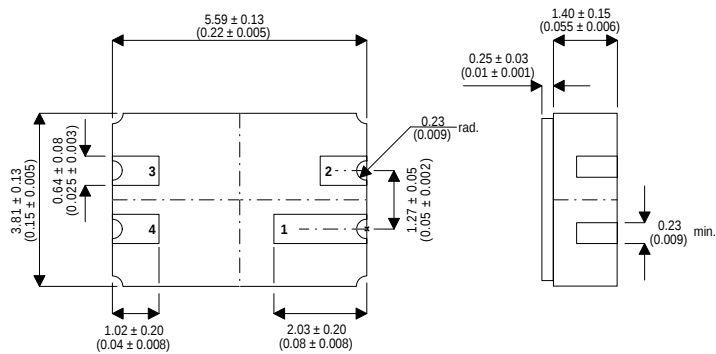


MECHANICAL DATA

Dimensions in mm (inches)



LCC3 PACKAGE Underside View

PAD 1= Cathode PAD 3 = No Connection
PAD 2 = No Connection PAD 4 = Anode

GENERAL PURPOSE SILICON RECTIFIER DIODE

General Purpose Rectifier Diode In A
Hermetic Ceramic Surface Mount Package
for High Reliability Applications

ABSOLUTE MAXIMUM RATINGS ($T_{case} = 25^{\circ}\text{C}$ unless otherwise stated)

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
V_R Reverse Voltage				50	V
V_{RRM} Peak Reverse Voltage				50	V
$I_{F(AV)}$ Average Half Wave Rectified Forward Current	$T_{amb} \leq 25^{\circ}\text{C}$			1.0	A
	$T_{amb} = 100^{\circ}\text{C}$			0.75	
I_F D.C Forward Current				1	A
I_{FRM} Repetitive Peak Forward Current				10	A
I_{FSM} Non-Repetitive Peak Forward Current	(half cycle surge , 60 c.p.s)			30	A

CHARACTERISTICS ($T_{case} = 25^{\circ}\text{C}$ unless otherwise stated)

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
V_F Forward Voltage Drop	$I_F = 1\text{A}$			1.1	V
$V_{F(AV)}$ Full-Cycle average forward voltage drop	$I_{F(AV)} = 1\text{A}$			0.8	V
I_R Reverse Current	$V_R = 50\text{ V} , T_{amb} = 25^{\circ}\text{C}$			10	μA
	$V_R = 50\text{ V} , T_{amb} = 100^{\circ}\text{C}$			50	
$I_{R(AV)}$ Full cycle average reverse current	$V_{RRM} = 50\text{ V} , T_{amb} = 75^{\circ}\text{C}$			30	μA



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.