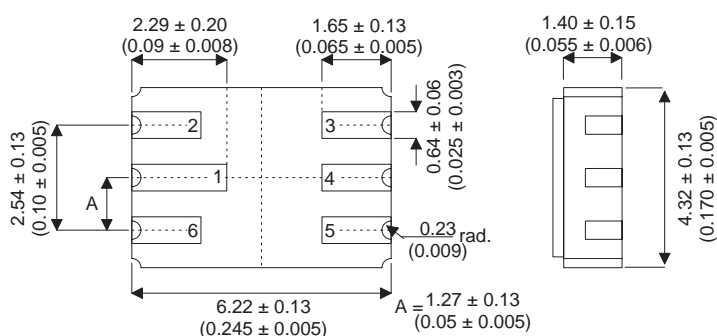


**MECHANICAL DATA**

Dimensions in mm (inches)



## DUAL SCHOTTKY DIODES IN HERMETIC CERAMIC SURFACE MOUNT PACKAGE FOR HIGH RELIABILITY APPLICATIONS

**LCC2 PACKAGE (MO-041BB)**
**Underside View**

PAD 1 — Cathode 1    PAD 2 — N/C    PAD 3 — N/C  
 PAD 4 — Cathode 2    PAD 5 — Anode 2    PAD 6 — Anode 1

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

$V_R$	Reverse Voltage	30V
$I_F$	Forward Current (Each Diode)	200mA
$I_{FM}$	Peak Forward Current (Each Diode)	600mA
$P_D$	Power Dissipation (Each Diode)	200mW
	Derate @ $T_{AMB} > 25^{\circ}\text{C}$	2.0mW/ $^{\circ}\text{C}$
$T_J$	Maximum Operating Junction Temperature	-55 to +125 $^{\circ}\text{C}$
$T_{STG}$	Storage Temperature Range	-65 to +175 $^{\circ}\text{C}$

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

Parameter	Test Conditions	Min.	Typ.	Max.	Unit
$I_R$	$V_R = 25\text{V}$			2	$\mu\text{A}$
	$V_R = 25\text{V}$ $T_A = 85^{\circ}\text{C}$			100	
$V_F$	$I_F = 1\text{mA}$			0.32	V
	$I_F = 10\text{mA}$			0.40	
	$I_F = 30\text{mA}$			0.50	
C	$V_R = 1\text{V}$ $f = 1\text{MHz}$			10	pF
$t_{rr}$	$I_F = 100\text{mA}$ to $I_R = 10\text{mA}$ $R_L = 100\Omega$			5	ns

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