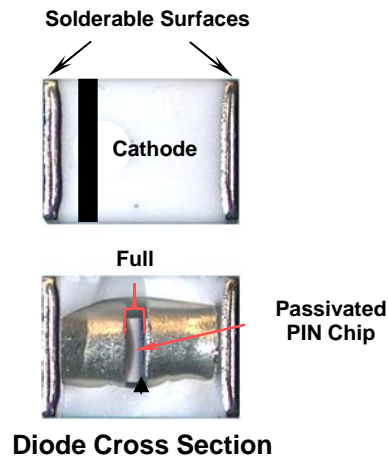


MADP-000638-10910T

MELF PIN Diode

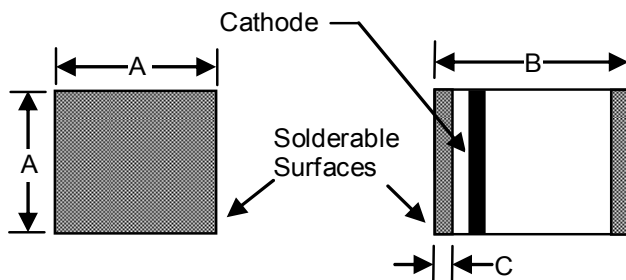
V1



Absolute Maximum Ratings¹ @ 25°C

Parameter	Absolute Maximum
Operating Temperature	-65°C to +125°C
Storage Temperature	-65°C to +150°C
Diode Junction Temperature	+175°C Continuous
Diode Mounting Temperature	+265°C / 10 seconds
Reverse D.C. Voltage @ -10μA	- 500V

1. Exceeding these limits may cause permanent damage.



Case Style 1091 Dimensions in Inches (mm)		
A Square Min. / Max.	B Min. / Max.	C Min. / Max.
0.138 / 0.155 (3.50 / 3.94)	0.180 / 0.200 (4.57 / 5.08)	0.008 / 0.030 (.203 / .762)

Electrical Specifications @ T_{AMB} = +25°C

Symbol	Units	Conditions	Min.	Max.
C _T	pF	1 MHz / 100V	-	2.2
R _S	Ω	100 MHz / 100mA	-	0.30
R _P	Ω	100 MHz / 100V	20K	-
V _F	V	+100mA		1.0
I _R	μA	-500	-	10
T _L	μS	I _F 10mA / I _R 6mA	6	-

Circuit Pad Layout

Dimension	Package Style 1091	
	inches	mm
A	0.150	3.81
B	0.050	1.27
C	0.100	2.54

Ordering Information

Part Number	Package
MADP-000638-10910T	Tape and Reel (500pcs/reel)