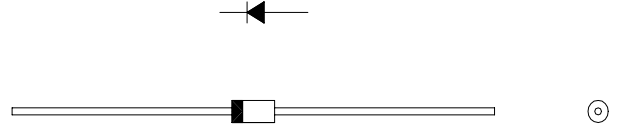


# DIODE Type : 10E6

## OUTLINE DRAWING

### FEATURES

- \* Miniature Size
- \* Low Forward Voltage drop
- \* Low Reverse Leakage Current
- \* High Surge Capability
- \* 52mm Inside Tape Spacing Package Available



### Maximum Ratings

Approx Net Weight:0.33g

Rating	Symbol	10E6			Unit
Repetitive Peak Reverse Voltage	$V_{RRM}$	600			V
Non-repetitive Peak Reverse Voltage	$V_{RSM}$	800			V
Average Rectified Output Current	$I_O$	1.0	$T_a=70^{\circ}C$	50Hz Half Sine Wave Resistive Load	A
RMS Forward Current	$I_{F(RMS)}$	1.57			A
Surge Forward Current	$I_{FSM}$	50	50Hz Half Sine Wave, 1cycle, Non-repetitive		A
Operating Junction Temperature Range	$T_{jw}$	- 40 to + 150			$^{\circ}C$
Storage Temperature Range	$T_{stg}$	- 40 to + 150			$^{\circ}C$

### Electrical • Thermal Characteristics

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Peak Reverse Current	$I_{RM}$	$T_j= 25^{\circ}C, V_{RM}= V_{RRM}$	-	-	50	$\mu A$
Peak Forward Voltage	$V_{FM}$	$T_j= 25^{\circ}C, I_{FM}= 1.0A$	-	-	0.9	V
Thermal Resistance	$R_{th(j-a)}$	Junction to Ambient	-	-	91	$^{\circ}C/W$

10E6 OUTLINE DRAWING (Dimensions in mm)

