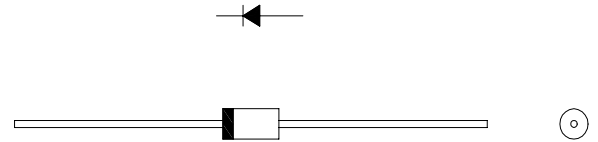


DIODE Type : 20E4

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:0.38g

Rating	Symbol	20E4			Unit
Repetitive Peak Reverse Voltage	V _{RRM}	400			V
Non-repetitive Peak Reverse Voltage	V _{RSM}	600			V
Average Rectified Output Current	I _O	1.3	Ta=33℃ *1	50Hz Half Sine	A
		1.7	Ta=43℃ *2	Wave Resistive Load	
RMS Forward Current	I _{F(RMS)}	2.67			A
Surge Forward Current	I _{FSM}	80	50Hz Half Sine Wave,1cycle, Non-repetitive		A
Operating JunctionTemperature Range	T _{jw}	- 40 to + 150			℃
Storage Temperature Range	T _{stg}	- 40 to + 150			℃

Electrical • Thermal Characteristics

Characteristics	Symbol	Conditions	Min.	Typ.	Max.	Unit
Peak Reverse Current	I_{RM}	$T_j = 25^{\circ}\text{C}$, $V_{RM} = V_{RRM}$	-	-	10	μA
Peak Forward Voltage	V_{FM}	$T_j = 25^{\circ}\text{C}$, $I_{FM} = 1.7\text{A}$	-	-	0.92	V
Thermal Resistance	$R_{th(j-a)}$	Junction to Ambient	-	-	105	$^{\circ}\text{C/W}$
					70	

*1 : Without Fin or P.C. Board

*2 : P.C. Board Mounted (L=8mm, Print Land=15 x 15mm, Both Sides)

20E4 OUTLINE DRAWING (Dimensions in mm)

