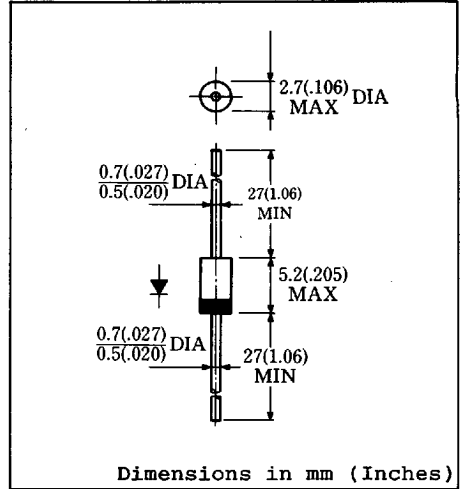


**FEATURES**

- Miniature Size
- Low Forward Voltage Drop
- Low Reverse Leakage Current
- High Surge Capability
- 26mm and 52mm Inside Tape Spacing Package Available



Approx. Net Weight : 0.21 Grams

**MAXIMUM RATINGS**

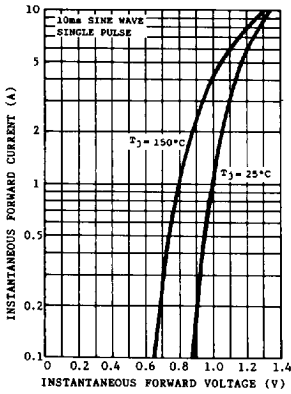
Voltage Rating	TYPE	11E1	11E2	11E4	Unit
	Symbol				
Repetitive Peak Reverse Voltage	$V_{RRM}$	100	200	400	v
Non-Repetitive Peak Reverse Voltage	$V_{RSM}$	250	400	600	v
Electrical Rating	Symbol	Condition		Rating	Unit
Average Rectified Output Current	$I_o$	180° sinusoidal wave conduction $T_a = 40^\circ C$		1.0	A
RMS Forward Current	$I_{F(RMS)}$			1.57	A
Peak One-cycle Forward Surge Current	$I_{FSM}$	50Hz half sine wave, non-repetitive		45	A
Operating Frequency	f			1,000	Hz
Operating Junction Temperature Range	$T_{jw}$			-40 to 150	°C
Storage Temperature Range	$T_{stg}$			-40 to 150	°C

**ELECTRICAL & THERMAL CHARACTERISTICS**

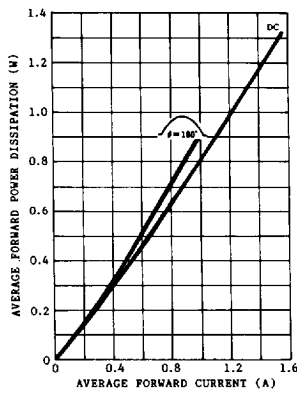
Characteristics	Symbol	Test Condition		Max.	Unit
Peak Forward Voltage	$V_{FM}$	$I_{FM} = 1.0A$	$T_j = 25^\circ C$	1.0	v
Peak Reverse Current	$I_{RM}$	$V_{RM} = V_{RRM}$	$T_j = 25^\circ C$	11E1	$\mu A$
				11E2	
				11E4	10
Thermal Resistance	$R_{th(j-a)}$	Junction to Ambient		120	°C/W

6615123 0002307 8T6

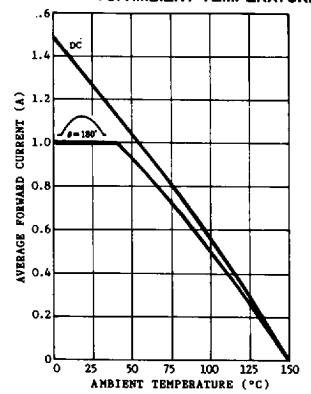
**FIG.1-FORWARD VOLTAGE VS. FORWARD CURRENT**



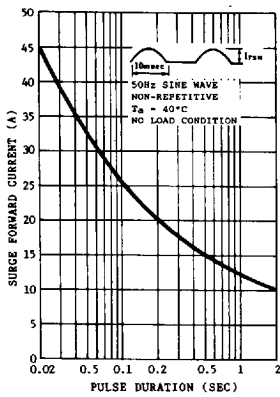
**FIG.2-AVERAGE FORWARD POWER DISSIPATION**



**FIG.3-AVERAGE FORWARD CURRENT VS. AMBIENT TEMPERATURE**



**FIG.4-SURGE CURRENT RATINGS**



6615123 0002308 732