	Peak Repetitive Surge Current (P_W=10 ms)	I_{TSM}	1	A
	Junction Temperature	T_j	125	
	Output Power Dissipation	P_O	250	mW
	Power Dissipation Derating (T_a 125)	•P D/	-3.33	mW/
Total Power Dissipation		P_{tot}	350	mW
Isolation Voltage		V_{iso}	3750 '	Vrms
Operating Temperature		T_{opr}	-55~100	
Storage Temperature		T_{stg}	-55~150	
Soldering Temperature		T_{sol}	260 8	

NOTE1AC for 1minute, R.H.=40~60%
NOTE2For 10 seconds

ELECTRICAL CHARACTERISTICS (Temperature=25°C)

Parameter			Symbol	Condition	Min.	Typ.	Max.	Unit
Input	Forward Voltage		V_F	I_F=10mA	-	1.2	1.4	V
	Reverse Current		I_R	V_R=6V	-	-	1	A
	Input Capacitance		C_{in}	V=0, f=1kHz	-	10	-	pF
Output	Peak Off-state Current, Either Direction		I_{OFF}	V_{OFF}=600V, I_F=0	-	-	100 "	nA
	Peak On-state Voltage, Either Direction		V_{TM}	I_{TM}=100mA	-	1.7	2.5	V
	Critical Rate of Rise of Off-state voltage		dV/dt	V_{PEAK}=600V, I_F=0	1000 •	-	-	9 V
Transfer Characteristics	LED Trigger Current	JOC3061M4	I_{FT}	Terminal Voltage=3V I_{TM}=100mA	-	-	15	mA
		JOC3062M4			-	-	10	
		JOC3063M4			-	-	5	
	Holding Current		I_H	I_{TM}=2mA, I_F=Rated I_{FT}	-	250	-	A
	Isolation Resistance		R_{ISO}	DC500V 40~60%R.H.	10^{12}	10^{14}	-	
	Floating Capacitance		C_{IO}	V=0, f=1MHz	-	8	-	pF
	Response Time		t_{on}	V_D=6V, R_L I_F=20mA	-	15	50	V

Zero-Crossing
Characteristics

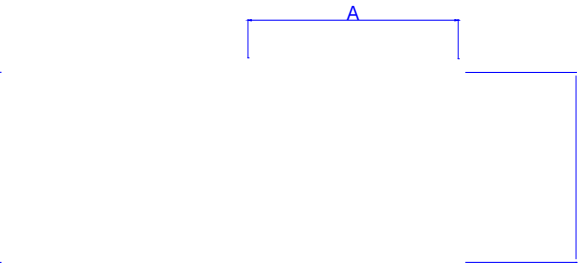
FIG.7: Normalized On-state Terminal Voltage vs. Ambient Temperature

FIG.8: On-state Terminal Voltage vs. On-state Terminal Current

4: Test Circuits of dV/dt

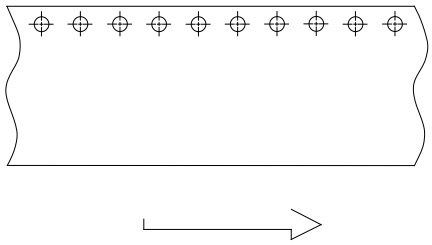
Fig.1

Package Dimension (Unit: mm Å

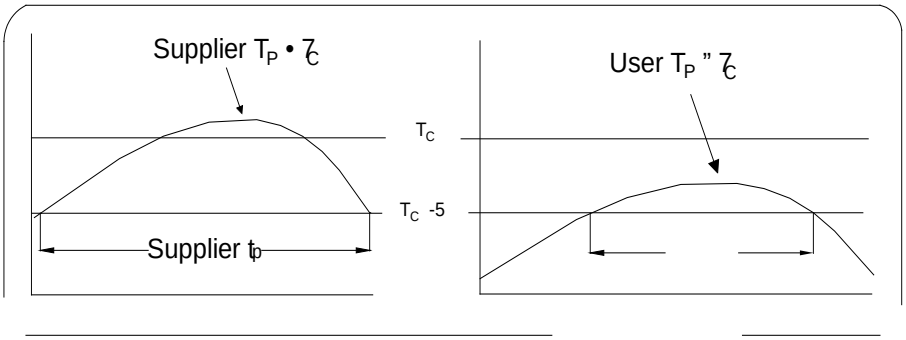


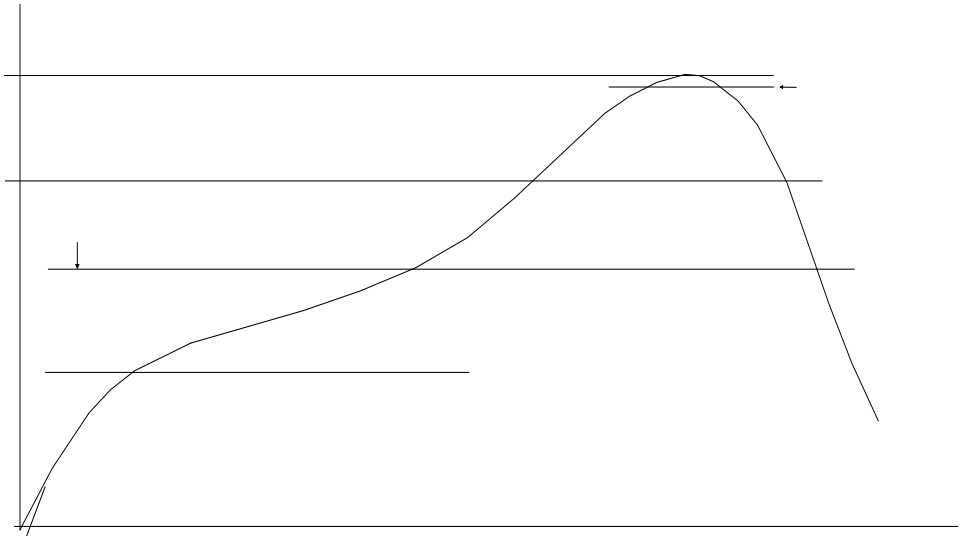
CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Option T1



REFLOW INFORMATION





Information furnished in this document is believed to be accurate and reliable. However,