



Total Power Dissipation	P_{tot}	350	mW
Isolation Voltage	V_{iso}	5000 ⁸	V _{rms}
Operating Temperature	T_{opr}	-55~110	
Junction Temperature	T_j	125	
Storage Temperature	T_{stg}	-55~125	
Soldering Temperature	T_{sol}	260	
Peak pulse voltage ($T_j=25$; non-repetitive,off-state)	V_{pp}	1	kV

NOTE1 $\dot{\mu} \cdot \% \mu o \cdot U \dot{\mu} \dot{\mu}, \dot{\mu} (\text{E} \times \mu \nu \text{C}$

NOTE2 $(\text{E} \dot{\mu} \nu] \nu \mu \text{S} U Z X, X A \dot{\mu} \dot{\mu} \dot{\mu} 9$

ELECTRICAL CHARACTERISTICS (Temperature=25°C)

Parameter			Symbol	Condition	Min.	Typ.	Max.	Unit
Input	Forward Voltage		V_F	$I_F=10\text{mA}$	-	1.2	1.5	V
	Reverse Current		I_R	$V_R=6\text{V}$	-	-	1	μA
	Input Capacitance		C_{in}	$V=0, f=1\text{kHz}$	-	10	-	pF
Output	Peak Off-state Current, Either Direction		I_{OFF}	$V_{OFF}=\text{Rated } V_{OFF}$ $I_F=0$	-	-	100 ⁹	nA
	Peak On-state Voltage, Either Direction		V_{TM}	$I_{TM}=100\text{mA}$	-	1.8	2.5	V
	Critical Rate of Rise of Off-state voltage		dV/dt	$V_{PEAK}=\text{Rated } V_{PEAK}$ $I_F=0$	2000 ¹⁰	-	-	V/ μs
Transfer Characteristics	LED Trigger Current	JOCSR21A JOCSR31A	I_{FT}	Terminal Voltage=3V $I_{TM}=100\text{mA}$	-	-	10	mA
		JOCSR21B JOCSR31B			-	-	5	
		JOCSR21C JOCSR31C			-	-	3	

Isolation Resistance

R_{iso}

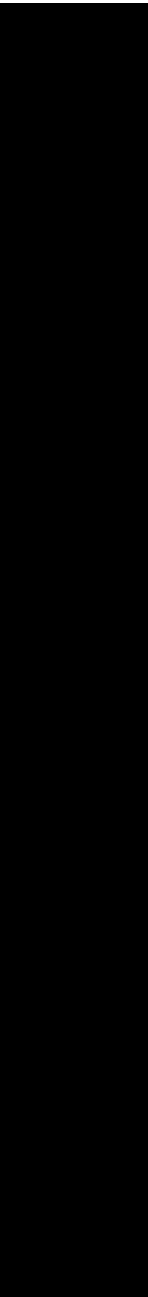
ORDERING INFORMATION

J	OC	S	R	2	1	A	-D6P/S	/
JieJie Microelectronics Co., Ltd.	Opto Coupler	SCR	Random phase			A:I _{FT} 0.10mA B:I _{FT} 0.5mA C:I _{FT} 0.3mA I _{T(RMS)} :100mA	P:DIP6 S:SMD6	S:T3 L:T4
					2:V _{OFF} 1 600V 3:V _{OFF} 1 800V			

Packing Quantity	
Option	Quantity
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MARKING





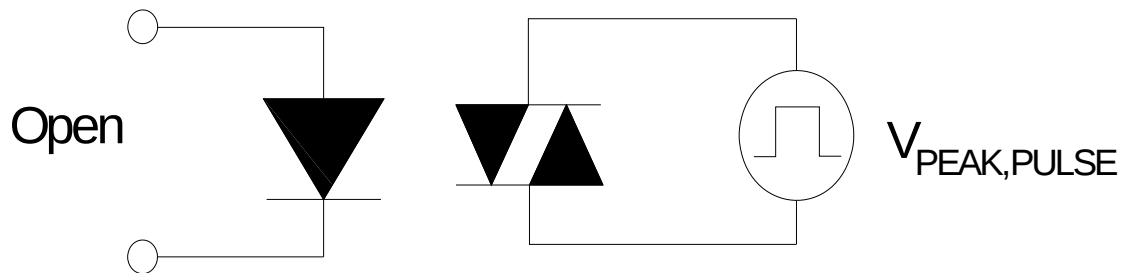
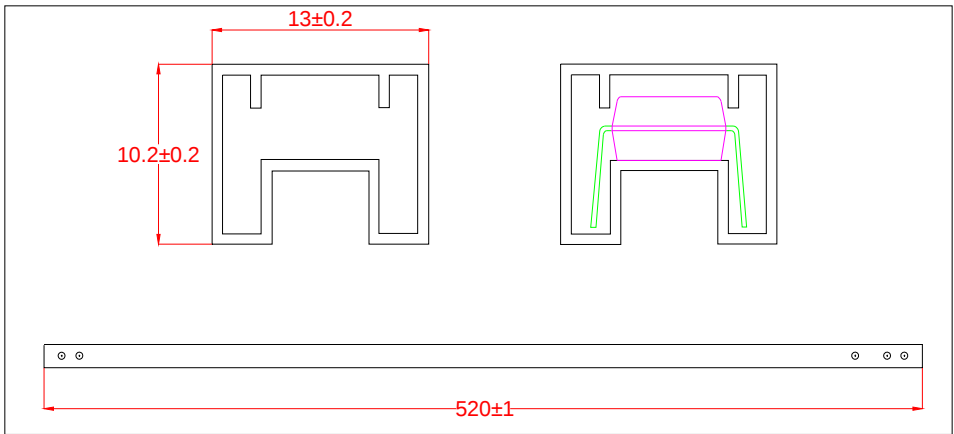
TEST CIRCUITS**FIG.12:** Test Circuits of Turn On Time**FIG.13:** Waveforms of Turn On Time**Fig.14:** Test Circuits of dV/dt **Fig.15:** Waveforms of dV/dt 

FIG.16: Test circuit for inductive and resistive loads to IEC-61000-4-5

TUBE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

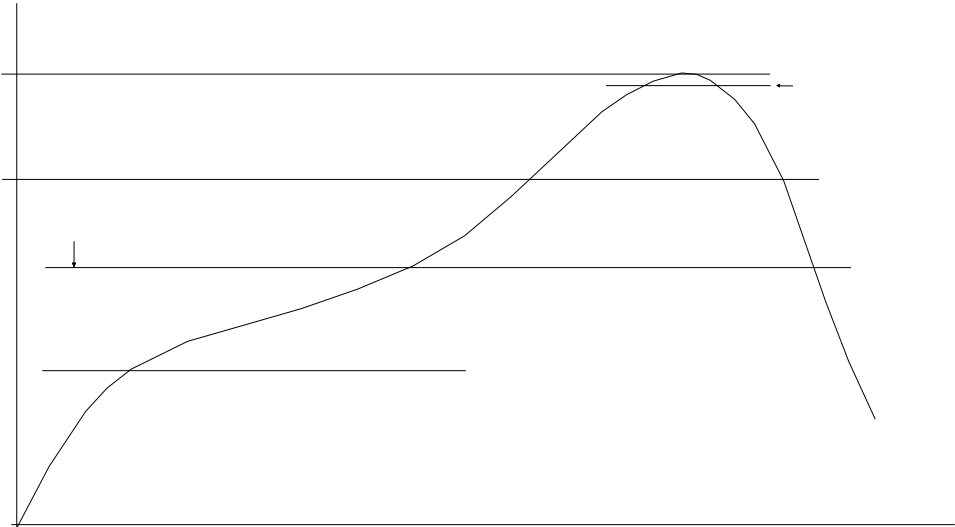
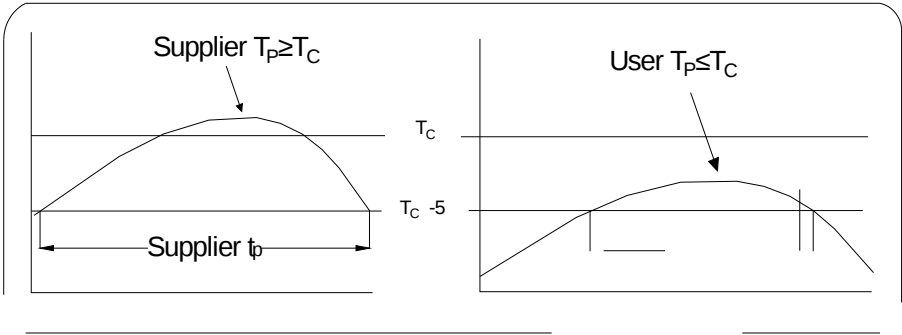
Standard DIP

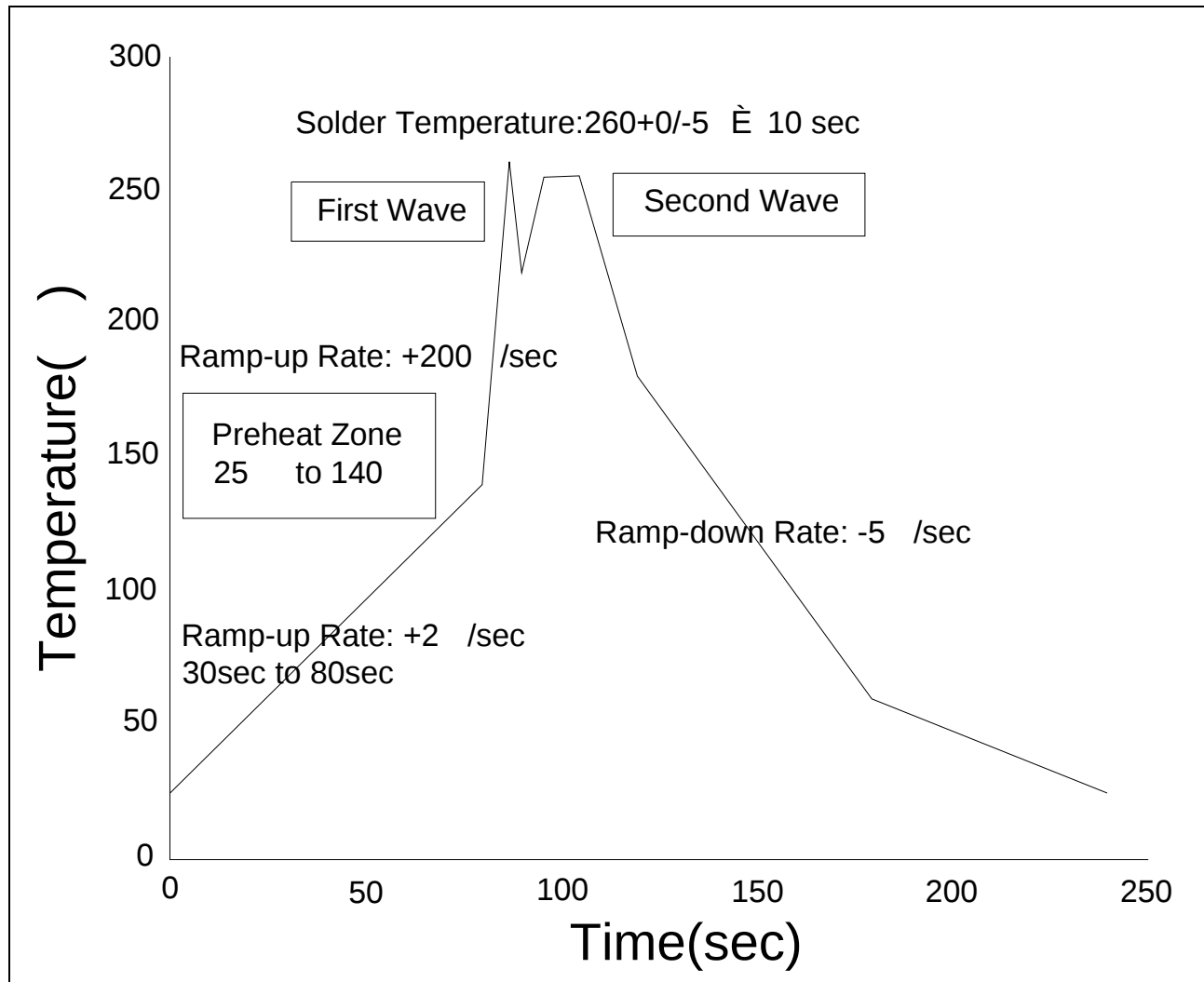


CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)

Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
D0						
P0						
P1						
P2						
E						
F						
W		16.00			0.630Re-	

REFLOW INFORMATION



WAVE SOLDERING**HAND SOLDERING BY SOLDERING IRON**

Soldering Temperature	360 f5
Soldering Time	3s max.

Note:

1. Reflow soldering is recommended at the temperatures and times shown, no more than three times.
2. Avoid direct contact be