DESCRIPTION:

The products are 7-pin

	Non repetitive surge peak on-state current (full cycle , t_p=20ms)	JOCSR23BM	I_{TSM}	3	A
		JOCSR26BM		6	
		JOCSR29BM		9	
		JOCSR2CBM		12	
	junction to case (AC)		$R_{th(j-c)}$	40	/W
Isolation Voltage			V_{iso}	5000	Vrms
Operating Temperature			T_{opr}	-40~110	
Junction Temperature			T_j	125	
Storage Temperature			T_{stg}	-40~125	
Soldering Temperature			T_{sol}	260	
Peak pulse voltage (T_j=25 ; non-repetitive,off-state)			V_{pp}	3	kV

NOTE1:

NOTE2:

ELECTRICAL CHARACTERISTICS (Temperature=25°C)

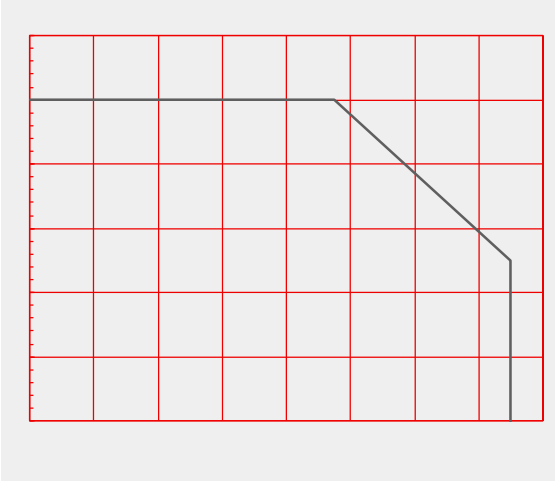
	Holding Current	I_H	V_D=6V	-	-	25	mA
	Isolation Resistance	R_{ISO}	DC500V 40~60%R.H.	10^{12}	10^{14}	-	Ω
	Response Time	t_{on}	V_D=6V, R_L=100Ω, I_F=20mA	-	20	100	μs

ORDERING INFORMATION

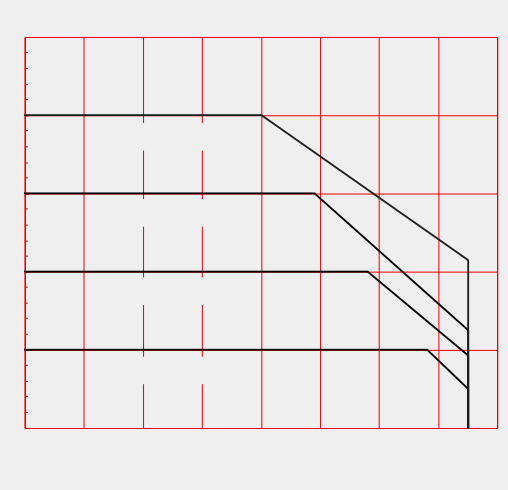
J OC S R 2 3 B M -D7P/S /

Characteristics Curves

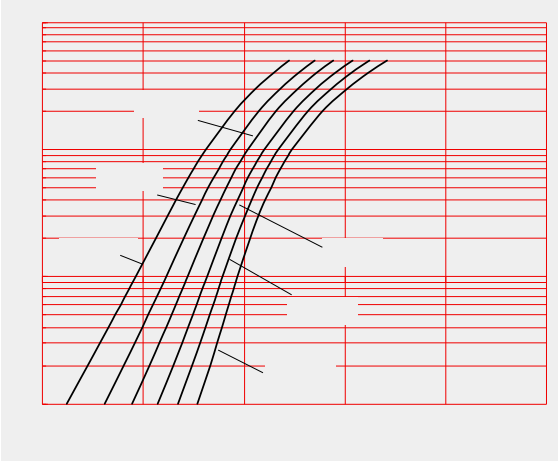
Max. Allowable LED Forward Current vs. Ambient Temperature



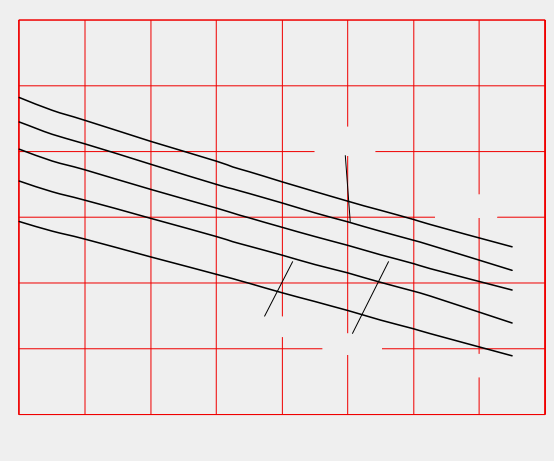
On-state Terminal Current vs. Ambient Temperature



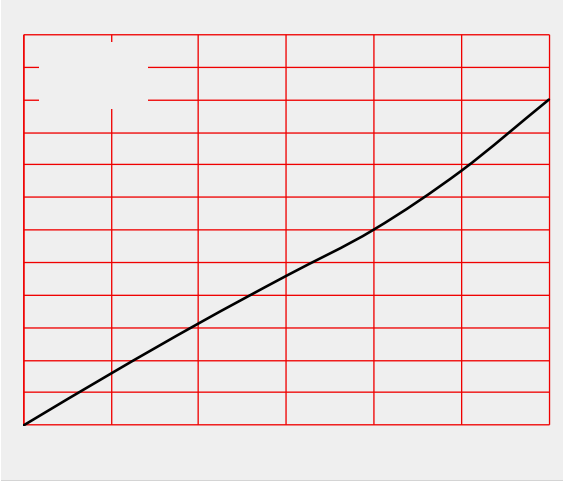
Forward Current vs. Forward Voltage



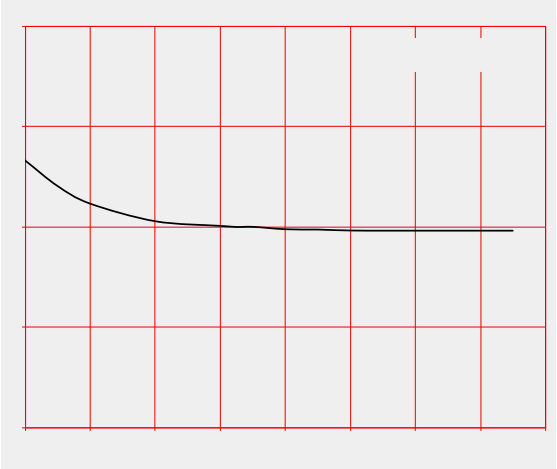
Forward Voltage vs. Ambient Temperature



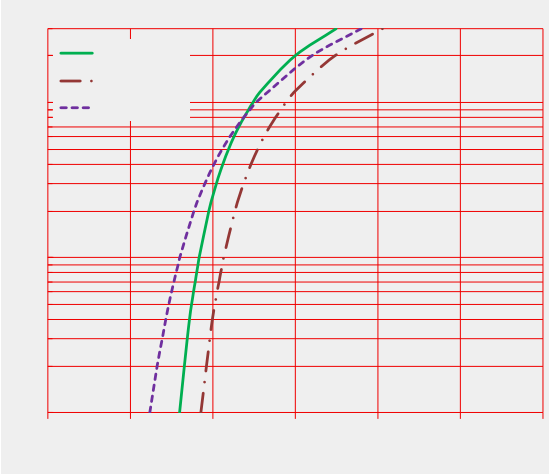
Off-state Terminal Current vs Off-state Terminal Voltage



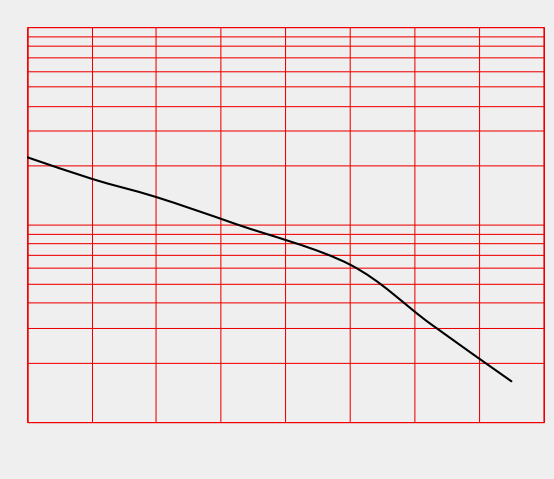
Normalized Trigger Current vs. Ambient Temperature



On-state characteristics

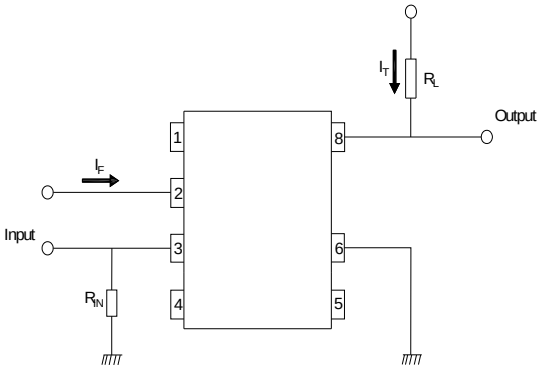


Normalized Holding Current vs. Ambient Temperature



TEST CIRCUITS

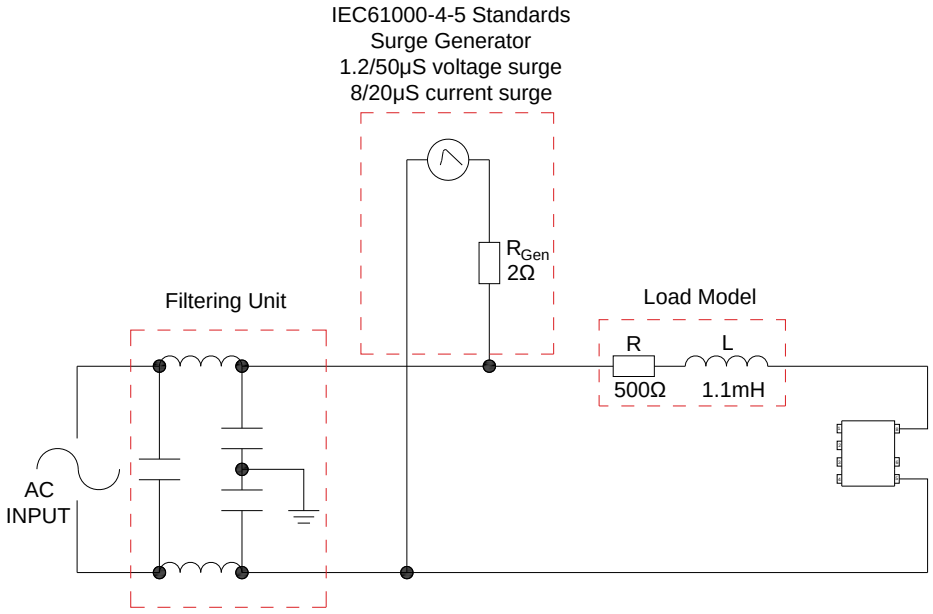
Test Circuits of Turn On Time



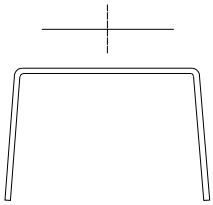
Waveforms of Turn On Time



Test circuit for inductive and resistive loads to IEC-61000-4-5 standards

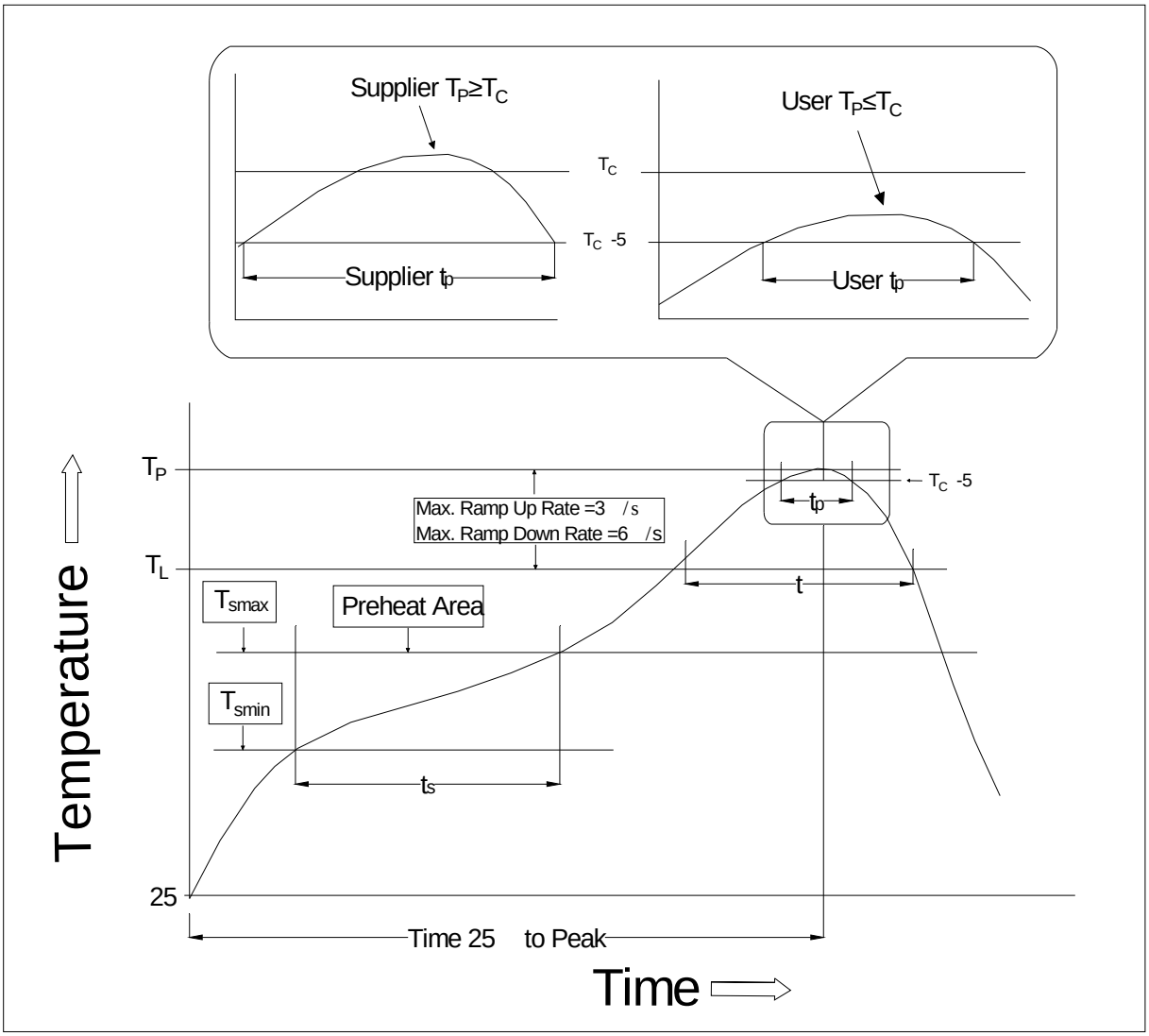


Package Dimension (Unit: mm)



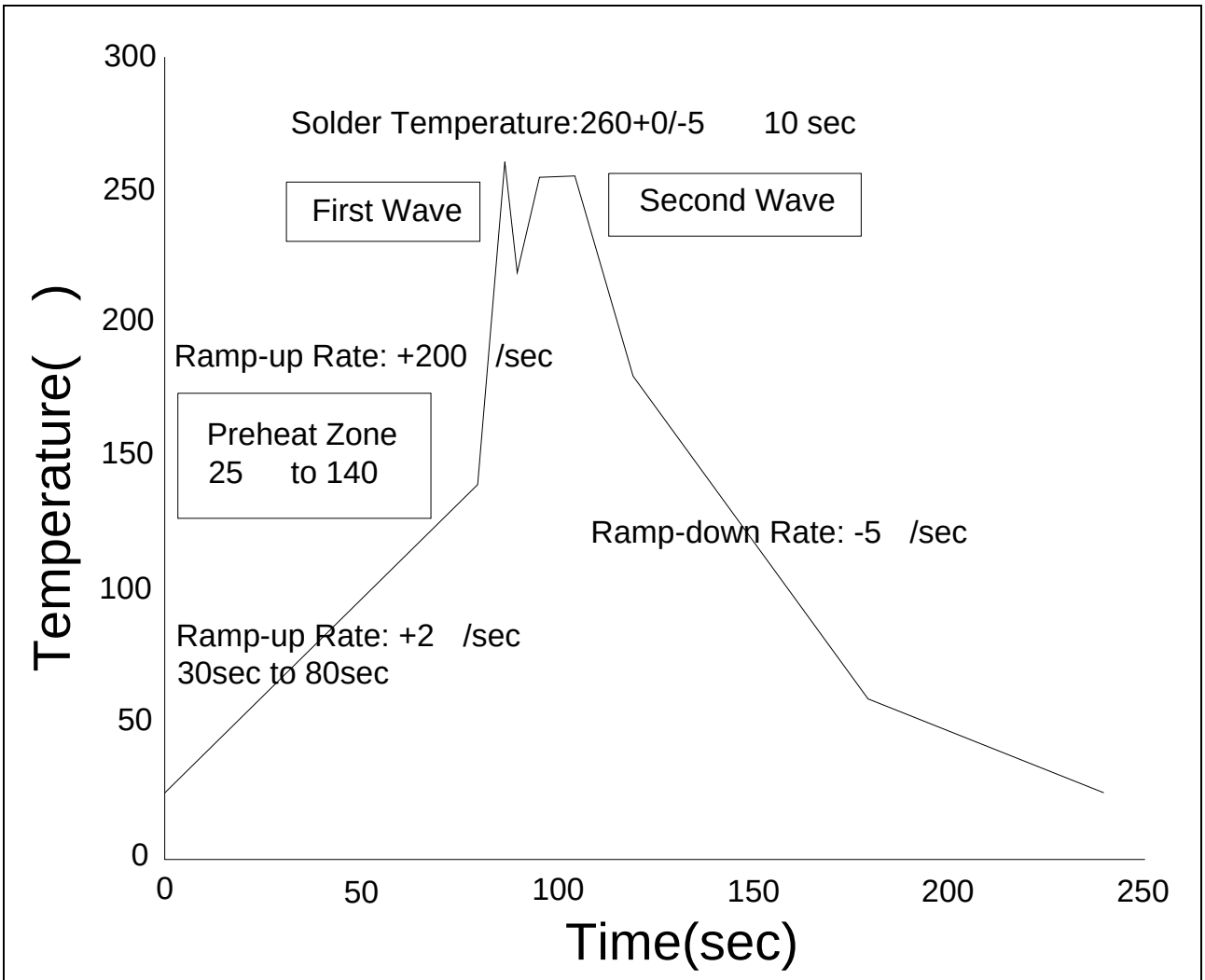
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REFLOW INFORMATION



Temperature Min. (Tsmin)	100	150
Temperature Max. (Tsmax)	150	200
Time (ts) from (Tsmin to Tsmax)	60-120 seconds	60-120 seconds
Ramp-up Rate (tL to tP)	3 /second max.	3 /second max.
Liquidus Temperature (TL)	183	217
Time (tL) Maintained Above (TL)	60-150 seconds	60-150 seconds
Peak Body Package Temperature	235 +0 /-5	260 +0 /-5
Time (tP) within 5 of 260	10 seconds	10 seconds
Ramp-down Rate (TP to TL)	3-6 /second	3-6 /second
Time 25 to Peak Temperature	6 minutes max.	8 minutes max.

WAVE SOLDERING



HAND SOLDERING BY SOLDERING IRON	
Soldering Temperature	360 ± 5
Soldering Time	3s max.

Note:

1. Reflow soldering is recommended at the temperatures and times shown, no more than three times.