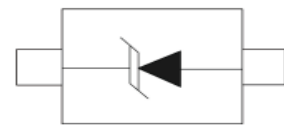




350 Watts peak pulse power per line ( $t_P=8/20\mu s$ )  
Protects one uni-directional I/O line  
Low clamping voltage  
Working voltage:15V  
Low leakage current  
RoHS compliant  
AEC-Q101 qualified



SOD-323



Pin Configuration

Cell phone handsets and accessories  
Microprocessor based equipment  
Personal digital assistants (PDA's)  
Notebooks, desktops, and servers  
Portable instrumentation

IEC61000-4-2 (ESD)  $\pm 30kV$  (air),  $\pm 25kV$  (contact)  
IEC61000-4-4 (EFT) 40A(5/50ns)  
IEC61000-4-5 (Lightning) 13A (8/20 $\mu s$ )

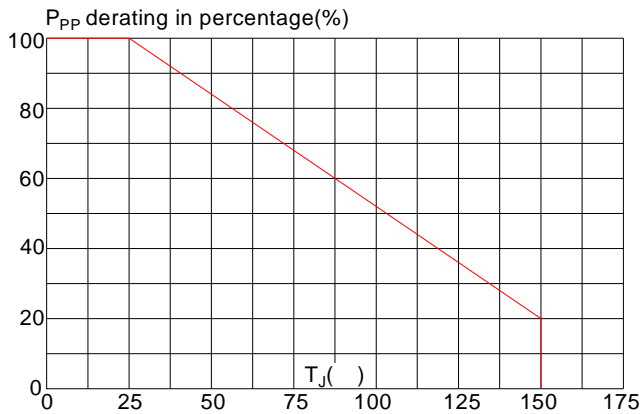
SOD-323 package  
Molding compound flammability rating : UL 94V-0  
Quantity per reel : 3,000pcs  
Lead finish : lead free  
Marking code : D15

for ESD Protection

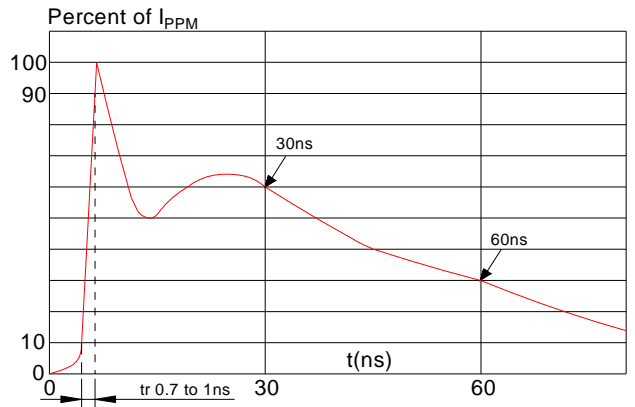
**JieJie Microelectronics Co., Ltd.**

TEL

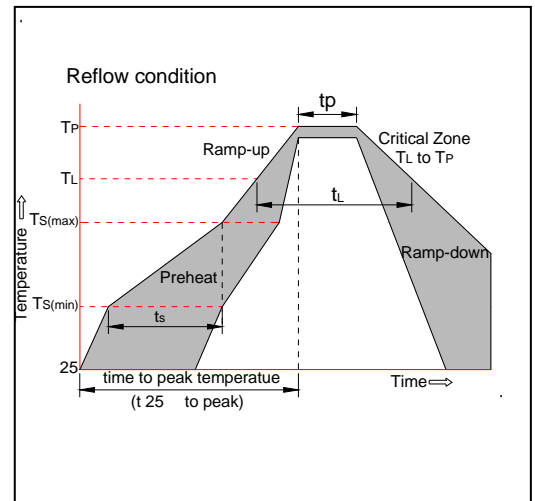
**FIG.3: Pulse derating curve**

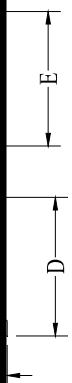


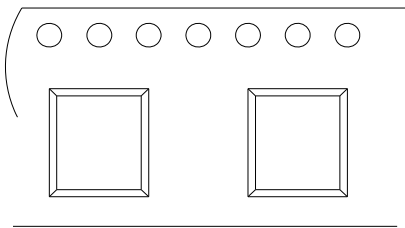
**FIG.4: ESD clamping (25KV contact)**

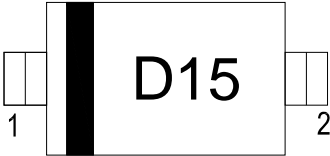


Reflow Condition		Pb-Free assembly (see figure at right)
Pre Heat	-Temperature Min ( $T_{s(min)}$ )	+150
	-Temperature Max( $T_{s(max)}$ )	+200
	-Time (Min to Max) ( $t_s$ )	60-180 secs.
Average ramp up rate (Liquidus Temp ( $T_L$ ) to peak)		3 /sec. Max
$T_{s(max)}$ to $T_L$ - Ramp-up Rate		3 /sec. Max
Reflow	-Temperature( $T_L$ )(Liquidus)	+217
	-Temperature( $t_L$ )	60-150 secs.
Peak Temp ( $T_p$ )		+260(+0/-5)
Time within 5 of actual Peak Temp ( $t_p$ )		20-40secs.
Ramp-down Rate		6 /sec. Max
Time 25 to Peak Temp ( $T_p$ )		8 min. Max
Do not exceed		+260







Part Number	Marking Code
JEU15D3-AU	

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