

BRES5V0M1B2ZA

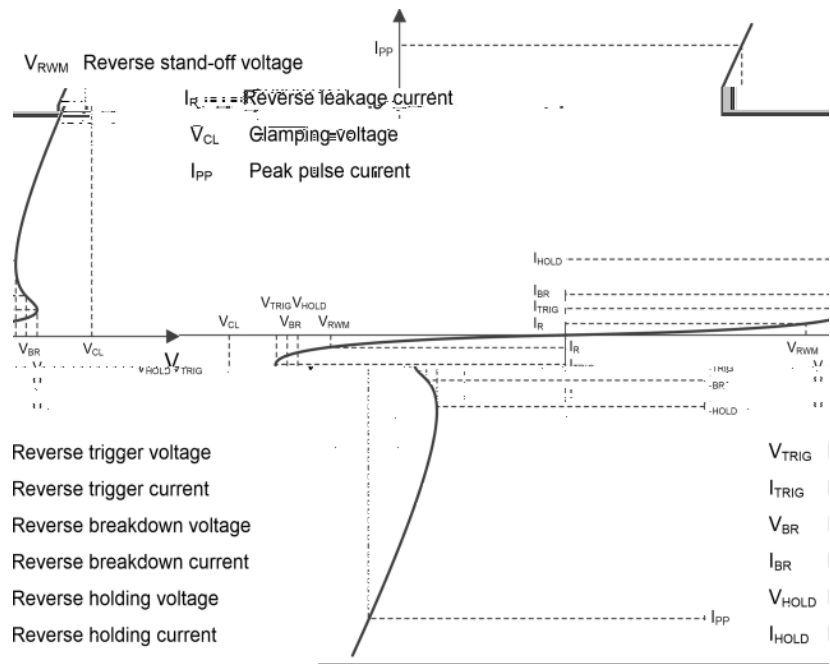


DATA SHEET

/ Absolute Maximum Ratings

		±	
		±	

/ Electrical Characteristics(Ta=25)

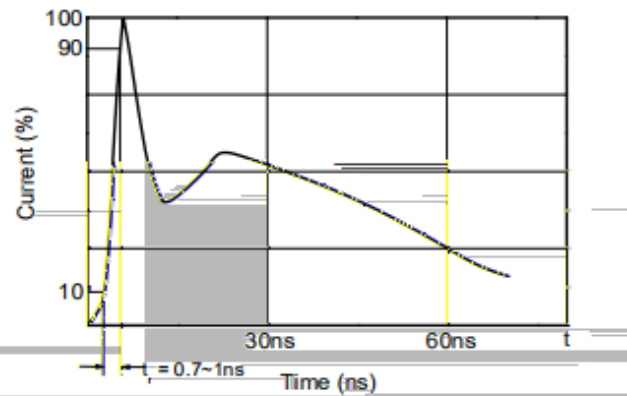
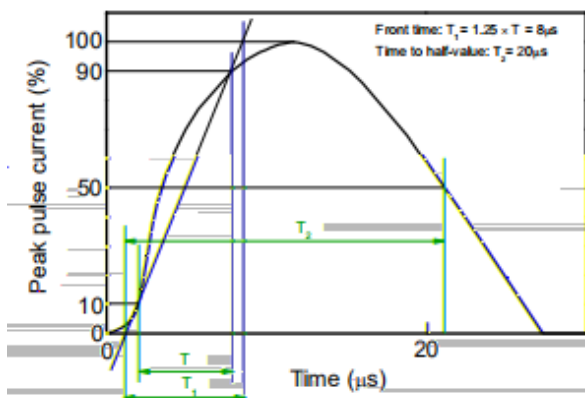


Definitions of electrical characteristics

					±	

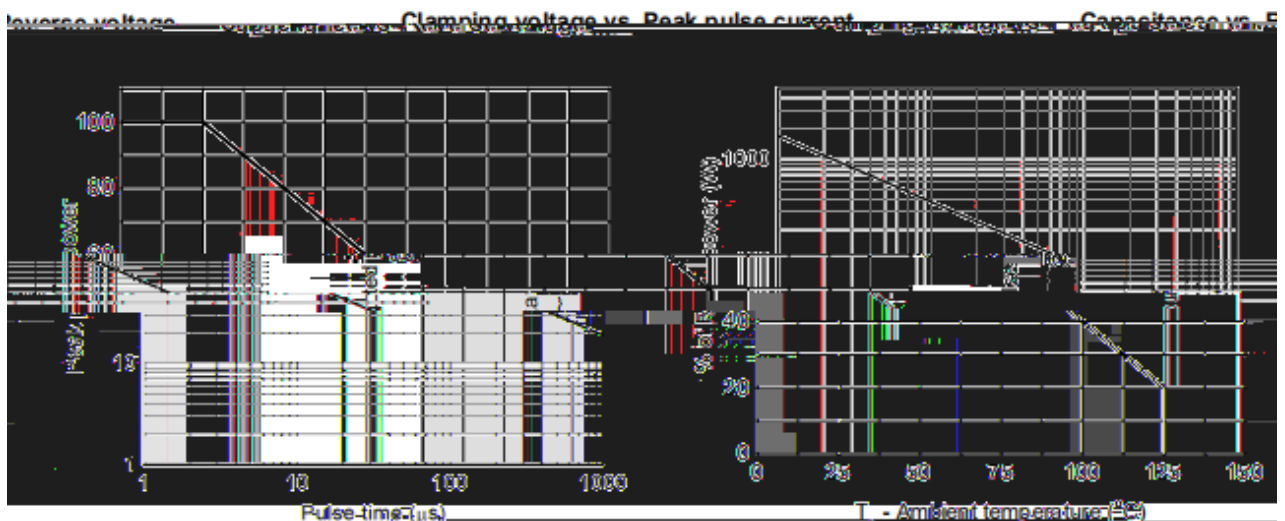
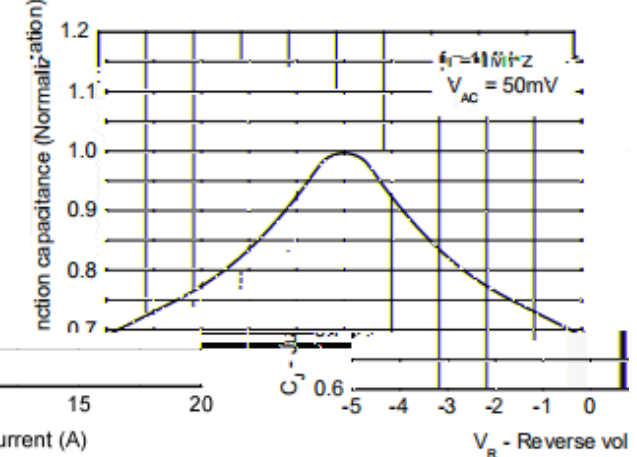
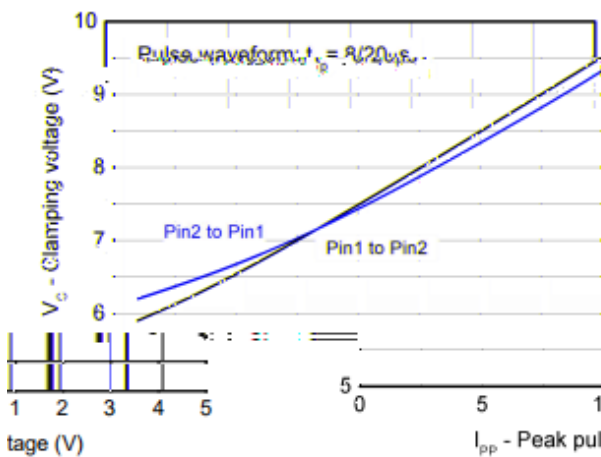
- Notes:
- 1) TLP parameter: $Z_0 = 50\Omega$, $t_p = 100ns$, $t_r = 2ns$, averaging window from 60ns to 80ns. RDYN is calculated from 4A to 16A.
 - 2) Contact discharge mode, according to IEC61000-4-2.
 - 3) Non-repetitive current pulse, according to IEC61000-4-5.

/ Electrical Characteristic Curve($T_a=25^\circ\text{C}$)



8/20μs waveform per IEC61000-4-5

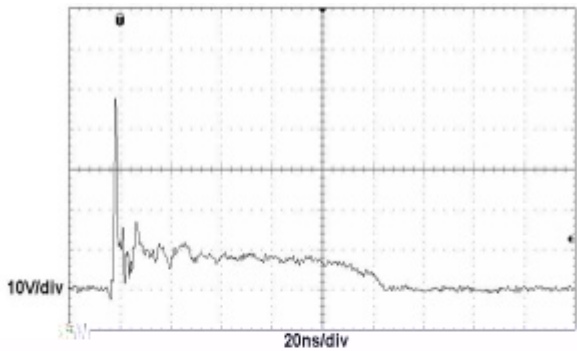
Contact discharge current waveform per IEC61000-4-2



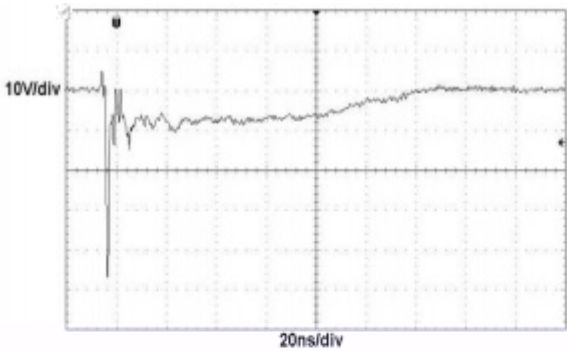
Non-repetitive peak pulse power vs. Pulse time

Power derating vs. Ambient temperature

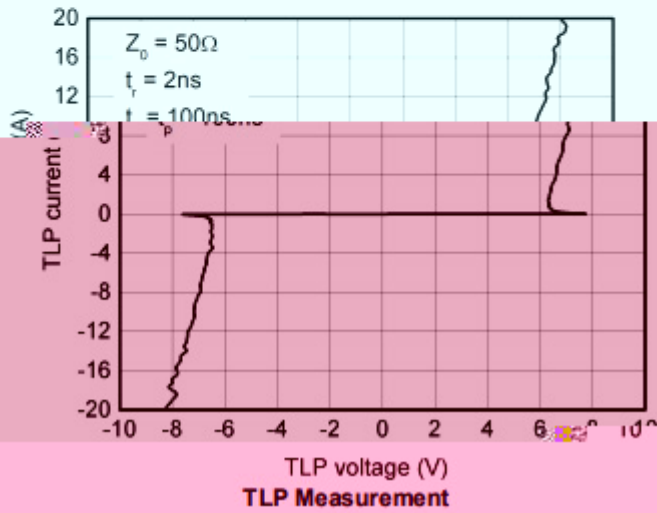
/ Electrical Characteristic Curve(Ta=25)



EEProbe clamping
(+8kV contact discharge per IEC61000-4-2)



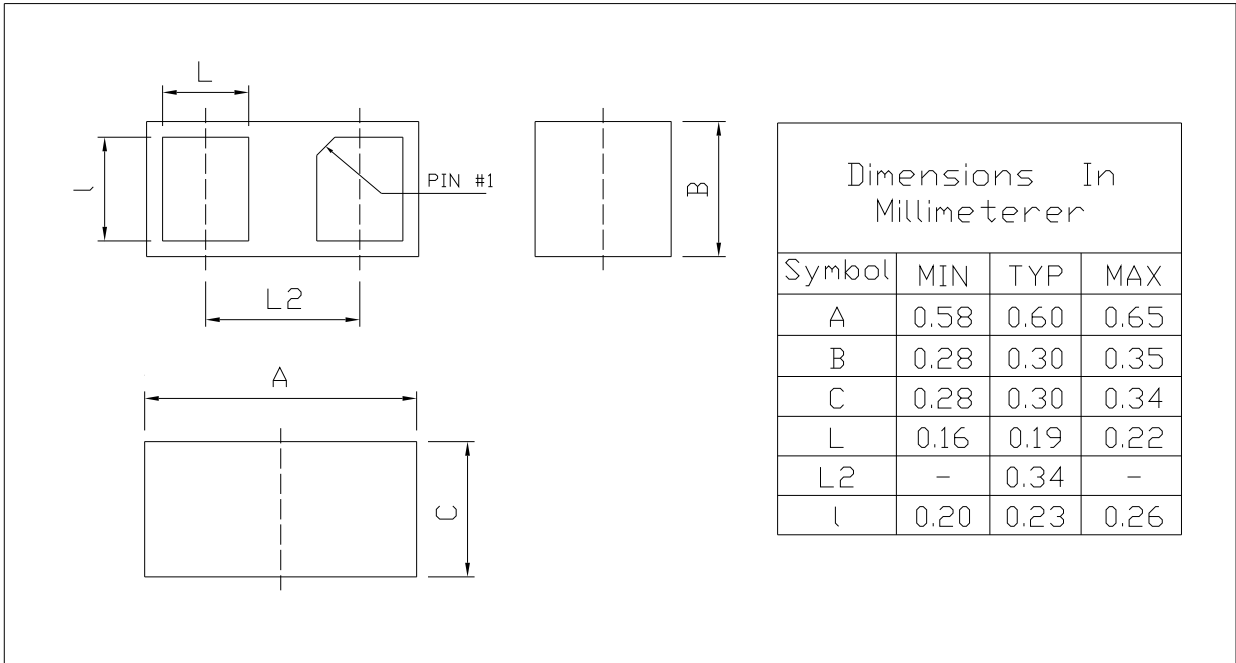
EEProbe clamping
(-8kV contact discharge per IEC61000-4-2)



/ Package Dimensions

DFN0603

Unit:mm

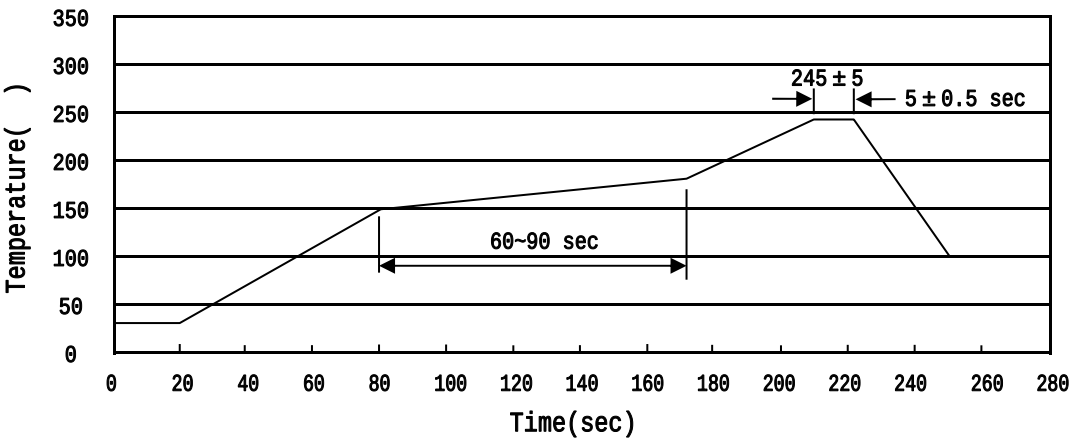


Rev.02 202102

/ Marking Instructions



() / Temperature Profile for IR Reflow Soldering(Pb-Free)



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

/ Notices