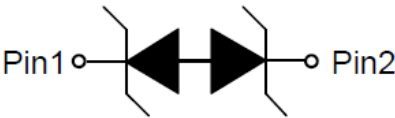


/ Descriptions

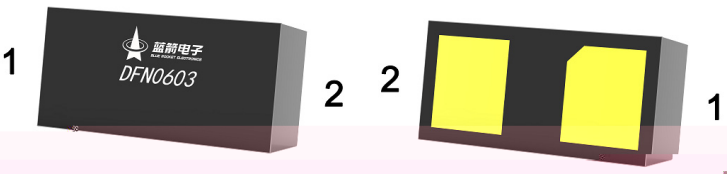
/ Features

/ Applications

/ Equivalent Circuit



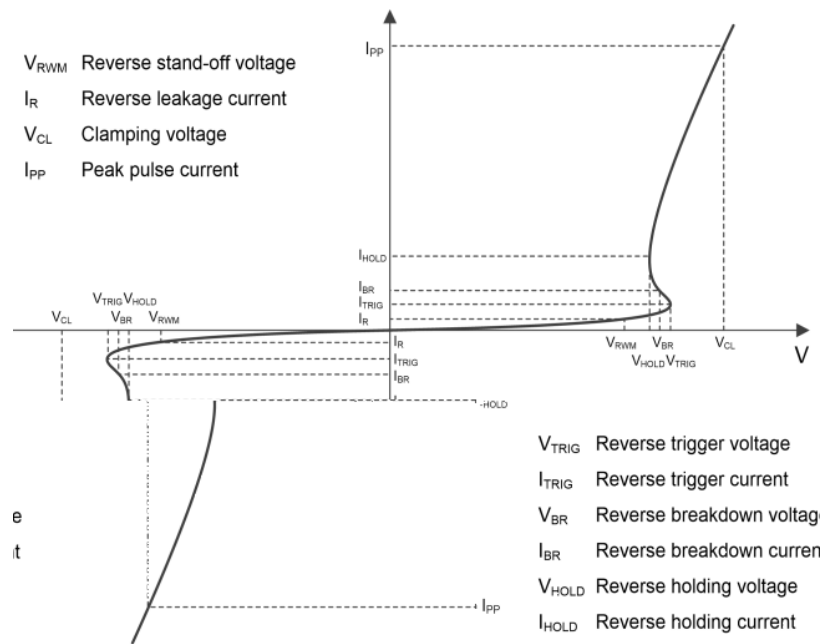
/ Pinning



/ Marking

BRES D3V3L1B2ZAQ

/ Electrical Characteristics(Ta=25)



Definitions of electrical characteristics

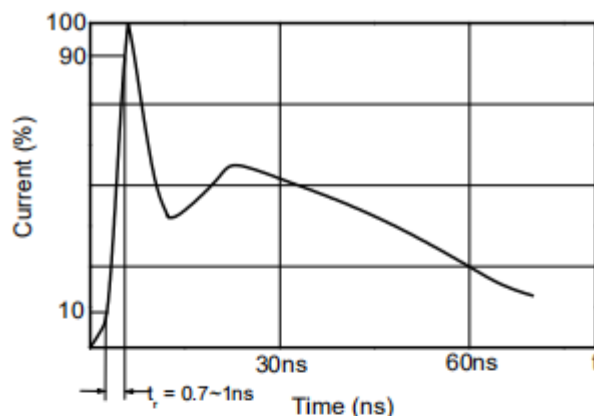
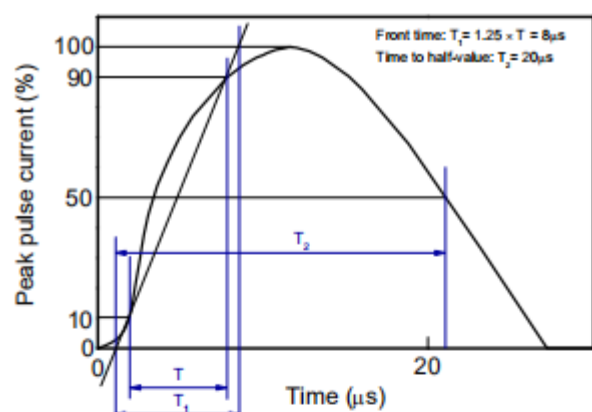
					±	

- Notes:
- 1) TLP parameter: $Z0 = 50\Omega$, $t_p = 100ns$, $t_r = 2ns$, averaging window from 60ns to 80ns. RDYN is calculated from 4A to 16A.

2) Contact discharge mode, according to IEC61000-4-2.

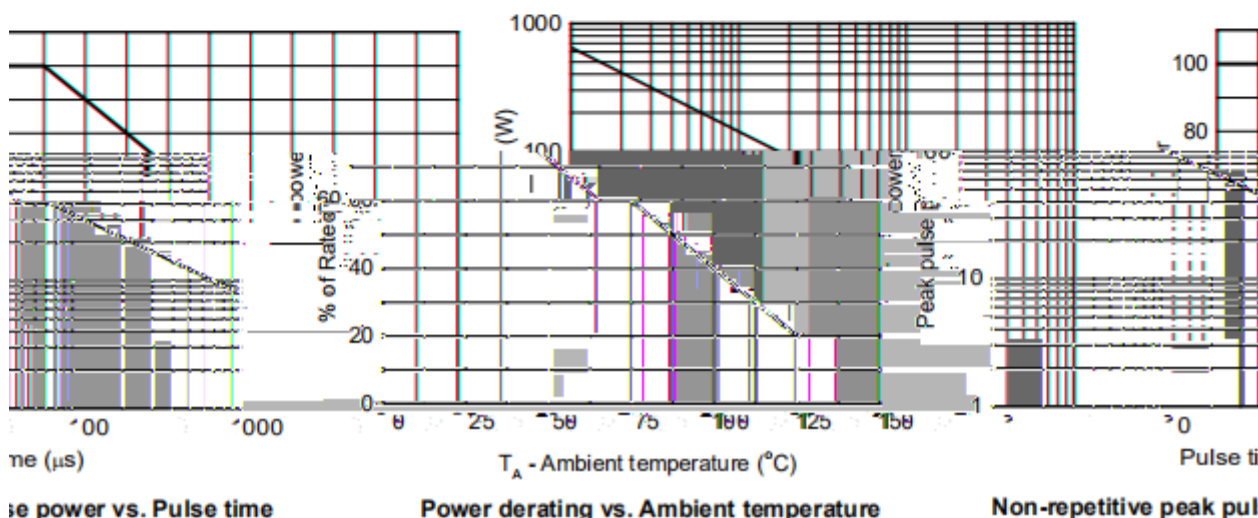
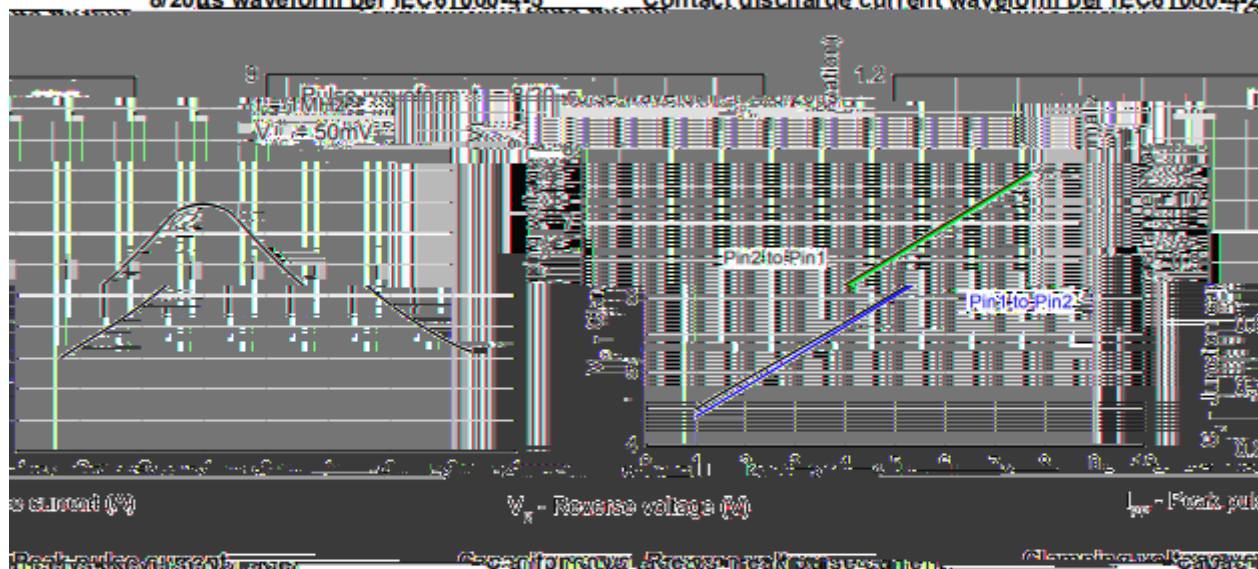
3) Non-repetitive current pulse, according to IEC61000-4-5.

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

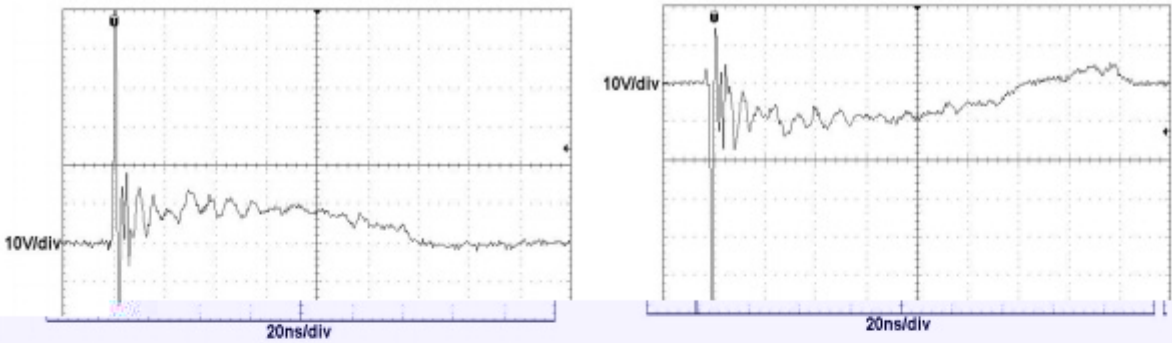


8/20 μs waveform per IEC61000-4-5

Contact discharge current waveform per IEC61000-4-2

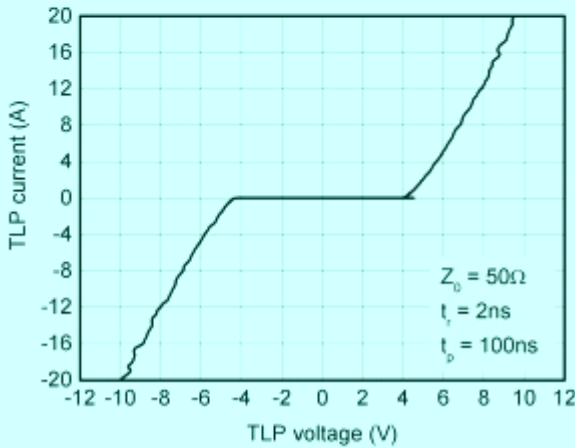


/ Electrical Characteristic Curve(Ta=25)



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

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

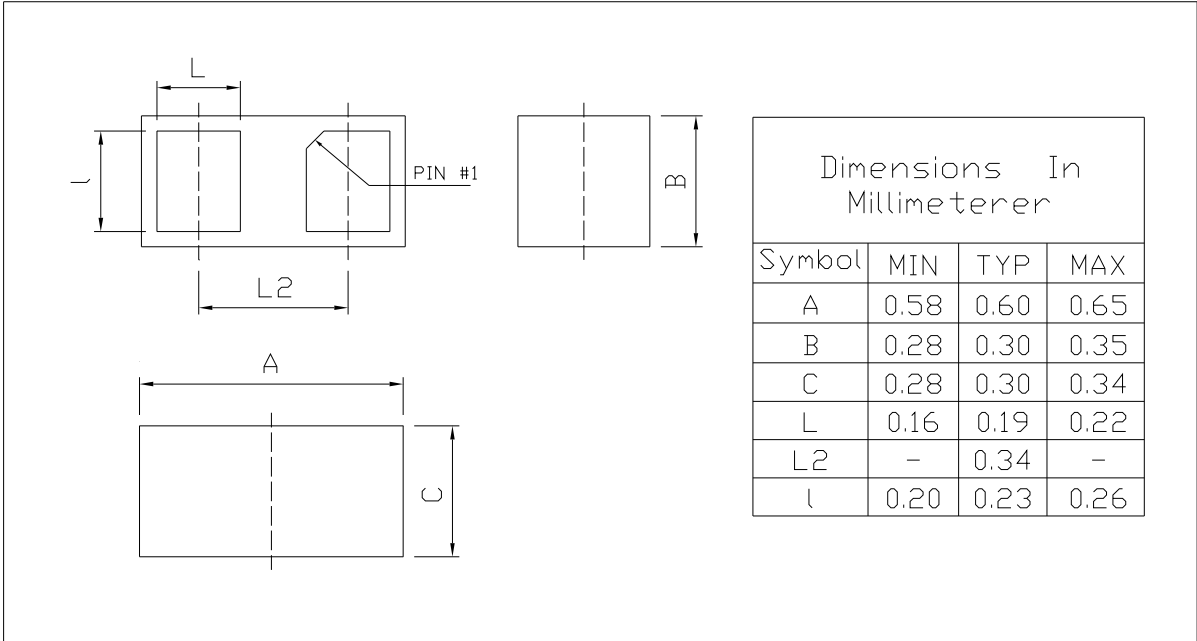


TLP Measurement

/ Package Dimensions

DFN0603

Unit:mm



Rev.02 202102

/ Marking Instructions