

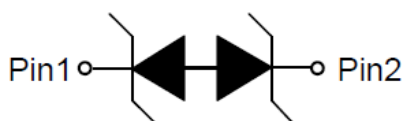
## / Descriptions

## / Features

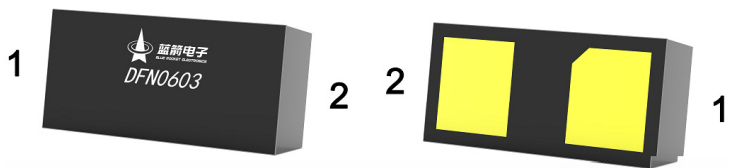
μ

## / Applications

## / Equivalent Circuit



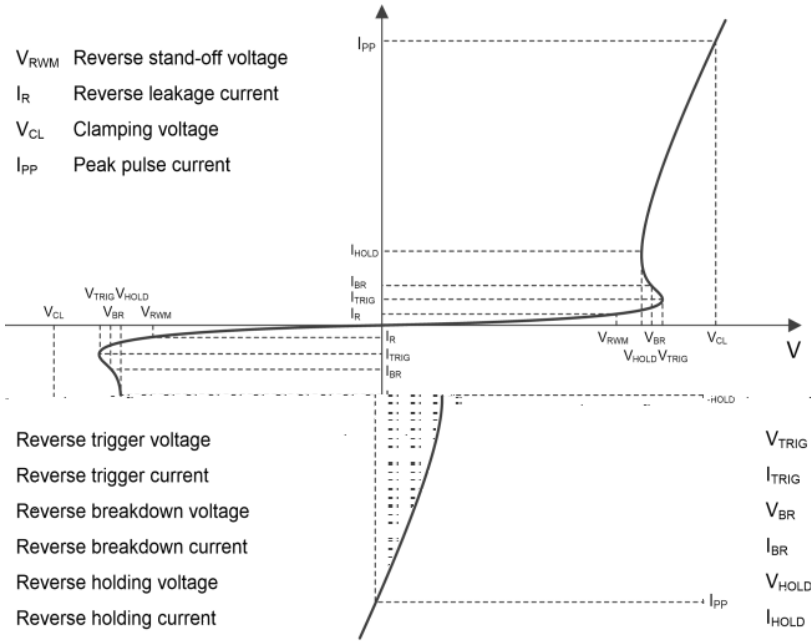
## / Pinning



## / Marking

**BRESD3V3L1B2ZAQ**

/ Electrical Characteristics(Ta=25 )



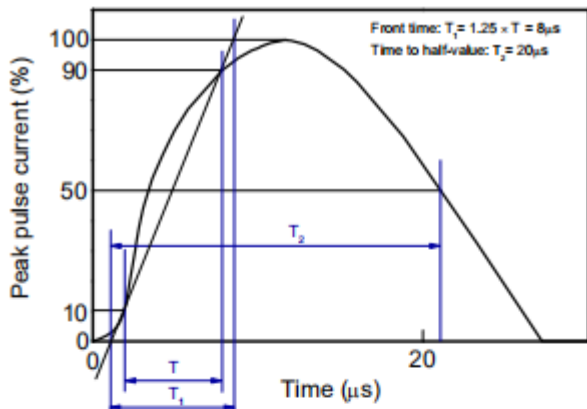
**Definitions of electrical characteristics**

			±
		μ	
		μ	

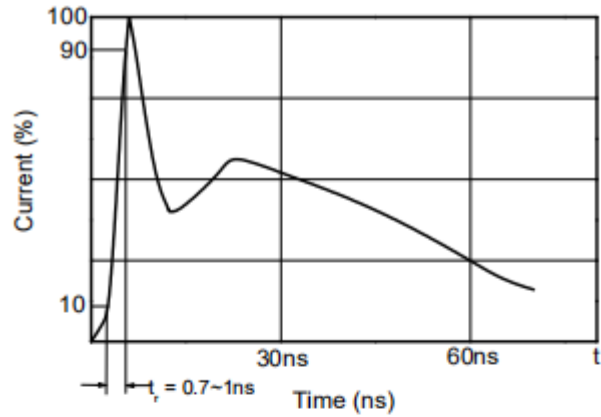
**Notes:**

- 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.

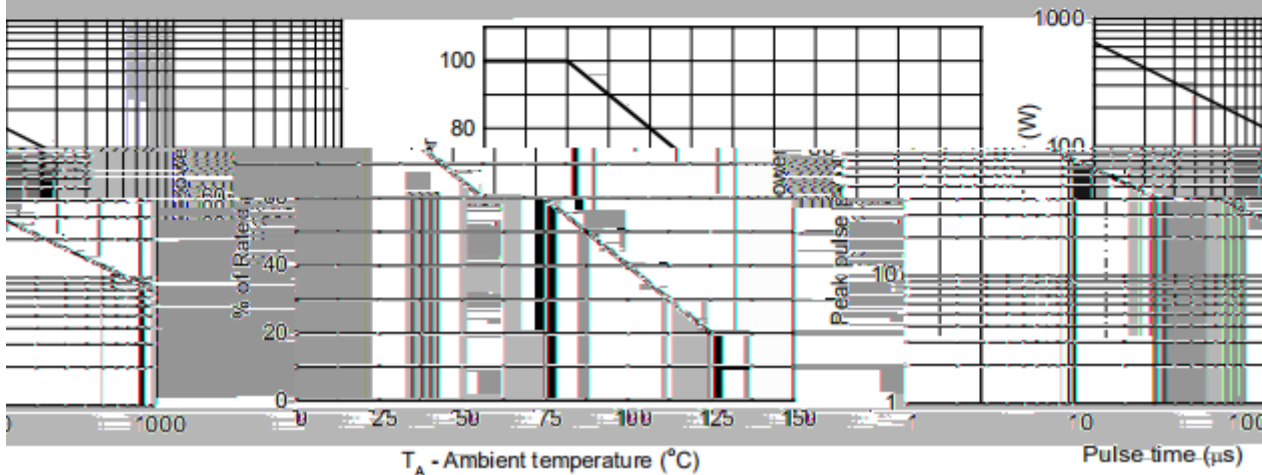
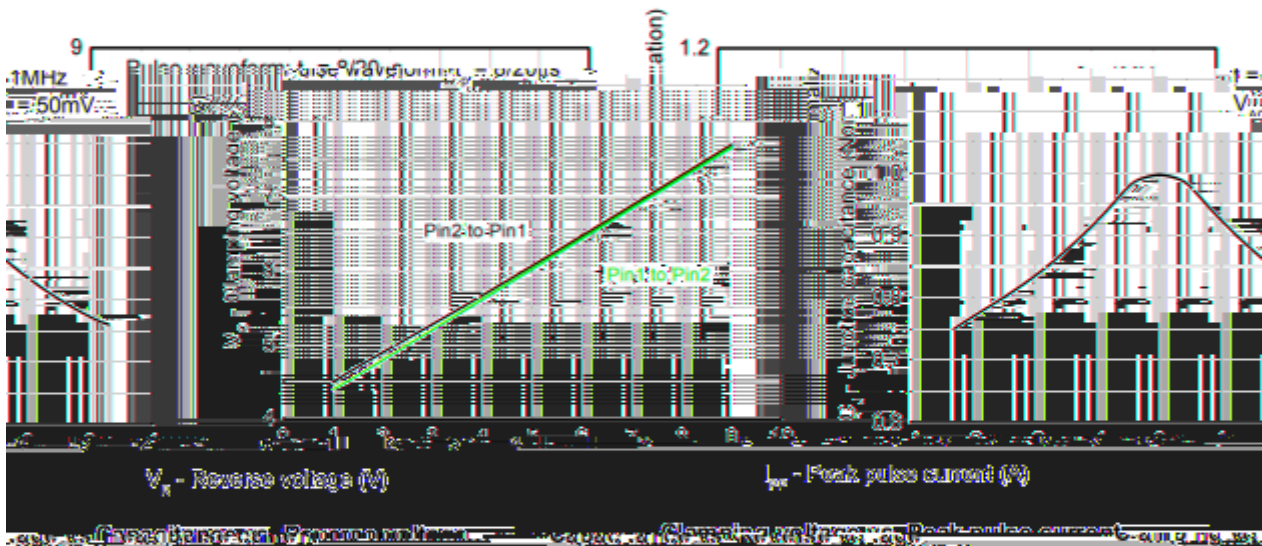
/ Electrical Characteristic Curve(Ta=25 )



8/20μs waveform, per IEC61000-4-5



Contact discharge current waveform, per IEC61000-4-2

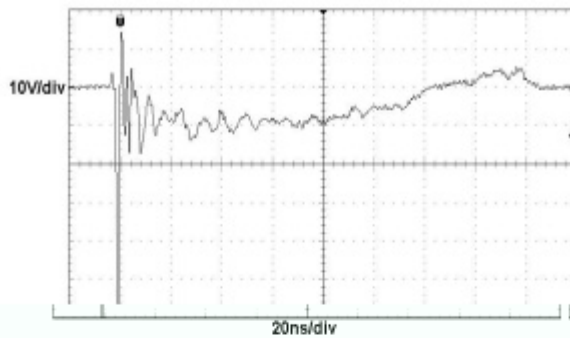
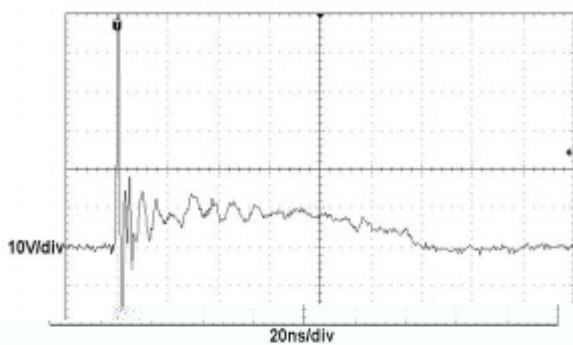


vs. Pulse time

Power derating vs. Ambient temperature

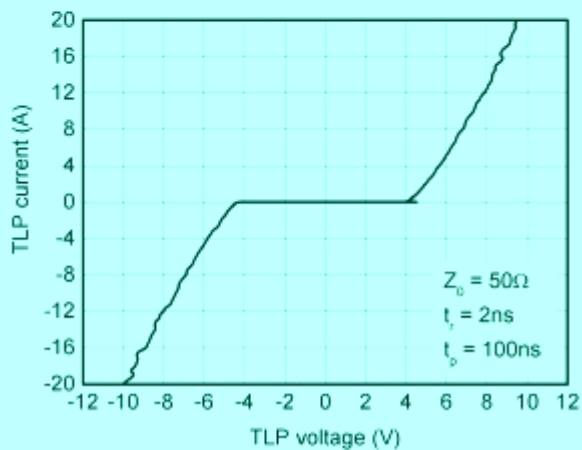
Non-repetitive peak pulse power

/ Electrical Characteristic Curve(Ta=25 )



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

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

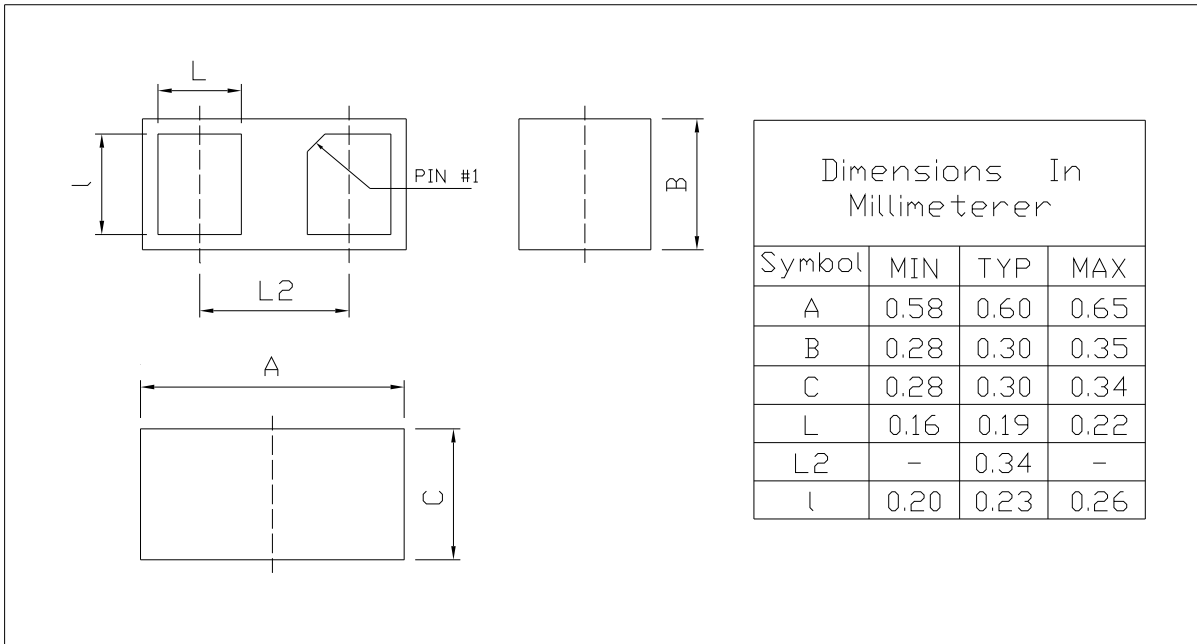


**TLP Measurement**

/ Package Dimensions

DFN0603

Unit:mm



Rev.02 202102

/ Marking Instructions



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