

## / Descriptions

DFN0603

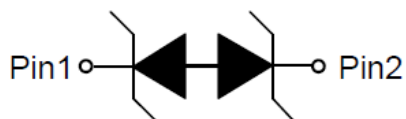
ESD

## / Features

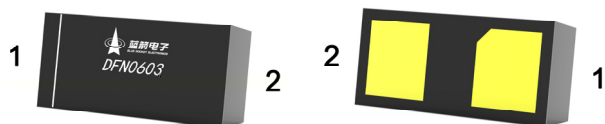
μ

## / Applications

## / Equivalent Circuit



## / Pinning

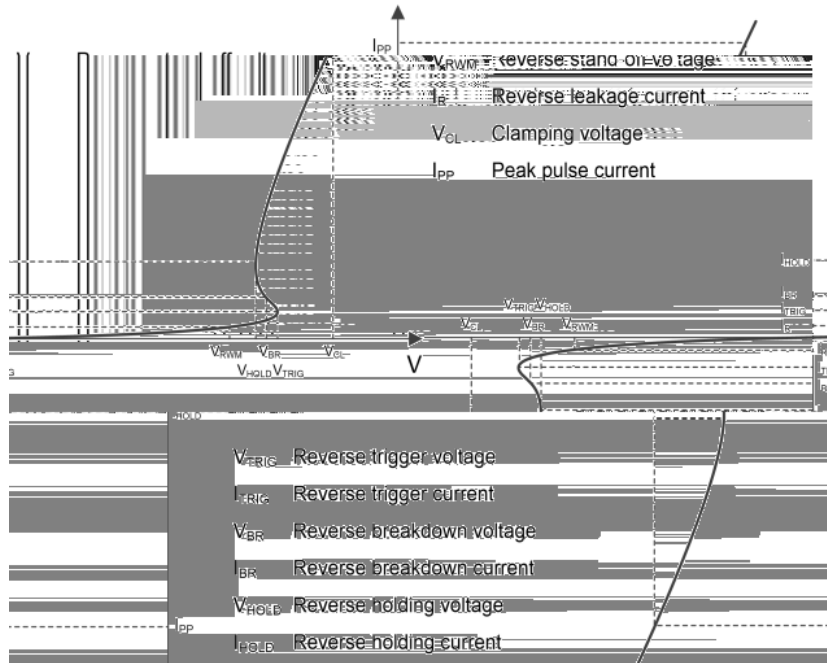


## / Marking

/ Absolute Maximum Ratings

$\mu$			
$\mu$			
		$\pm$	
		$\pm$	

/ Electrical Characteristics(Ta=25 )



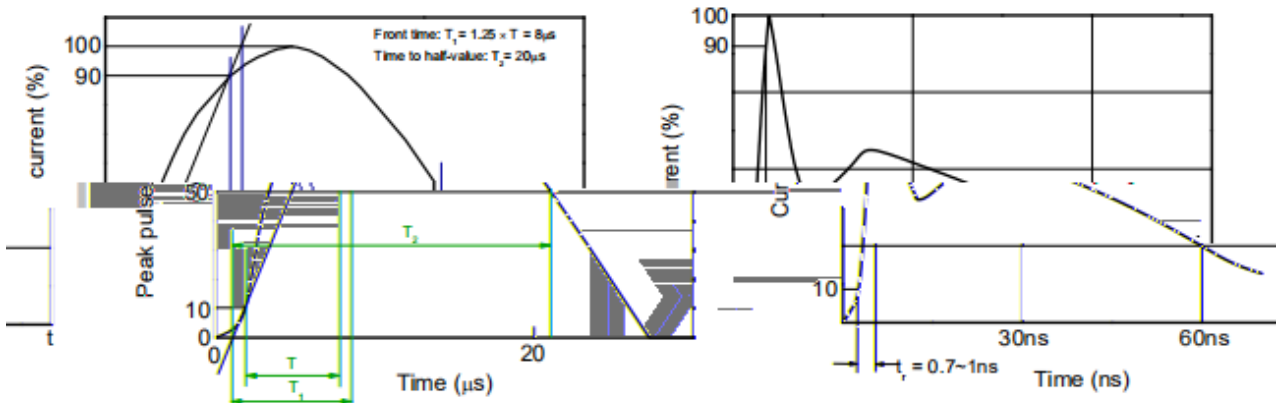
**Definitions of electrical characteristics**

					±	
				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.

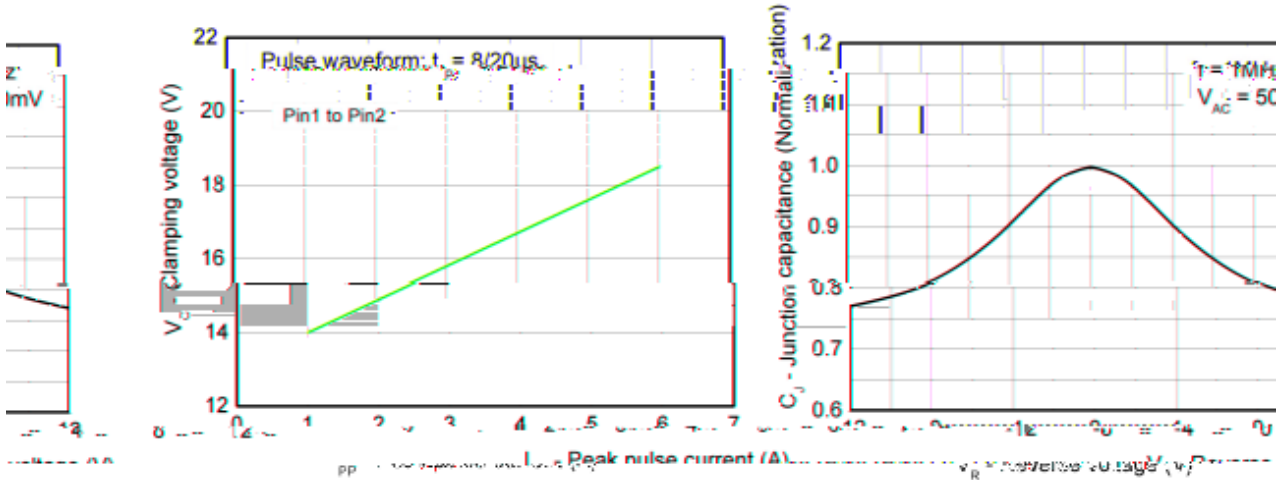
/ Electrical Characteristic Curve(Ta=25 )



IEC61000-4-2

8/20μs waveform per IEC61000-4-5

Contact discharge current waveform per IEC61000-4-2



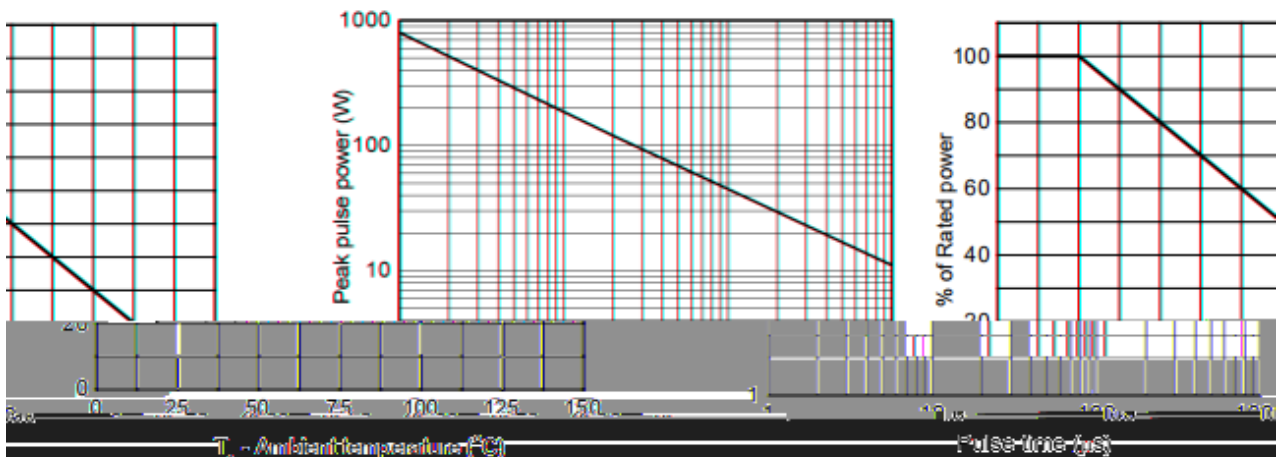
reverse voltage

Clamping voltage

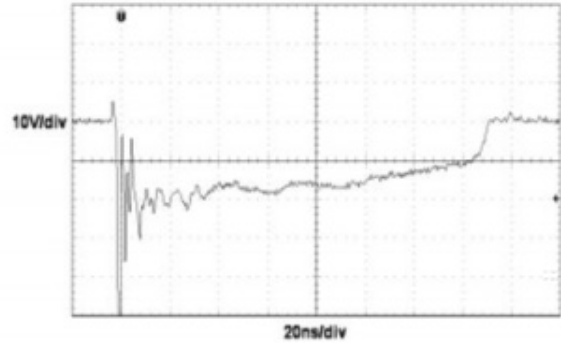
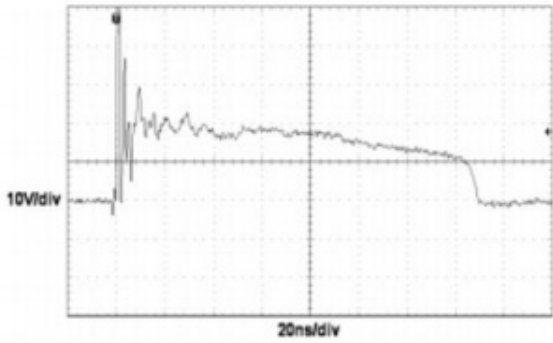
clamping voltage vs. peak pulse current

Capacitance vs.

Peak pulse current



/ Electrical Characteristic Curve(Ta=25 )



ESD clamping

ESD clamping

(+8kV contact discharge per IEC 61000-4-2)

(-8kV contact discharge per IEC 61000-4-2)

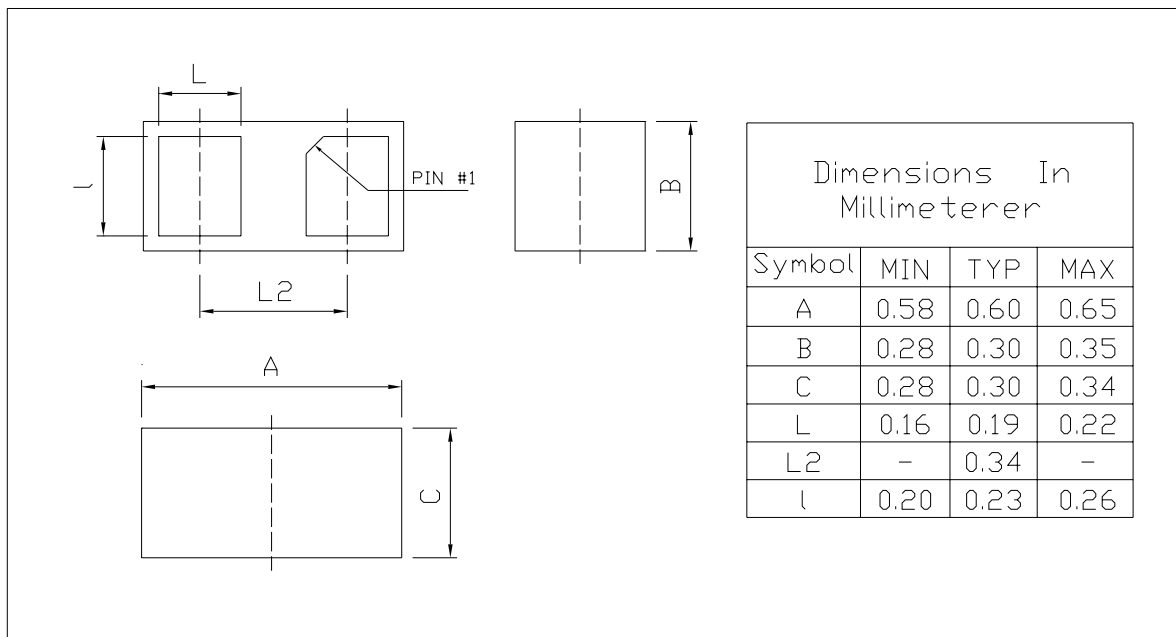


TLP Measurement

/ Package Dimensions

DFN0603

Unit:mm



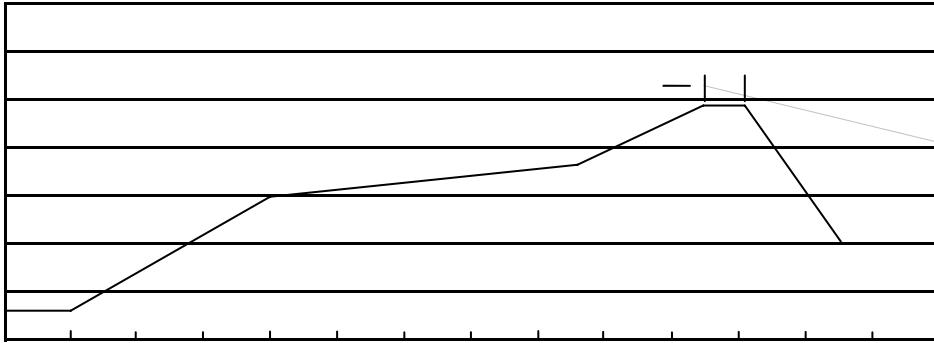
Rev.02 202102

/ Marking Instructions



Dc

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

封装形式	包装数量					包装尺寸 :		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
DFN0603	10,000	10	100,000	6	600,000	7 ×8	180×120×180	390×385×205

/ Notices