

/ Descriptions

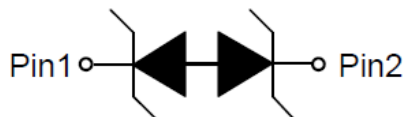
DFN0603

ESD

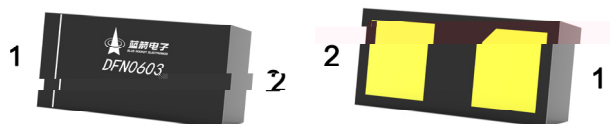
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning

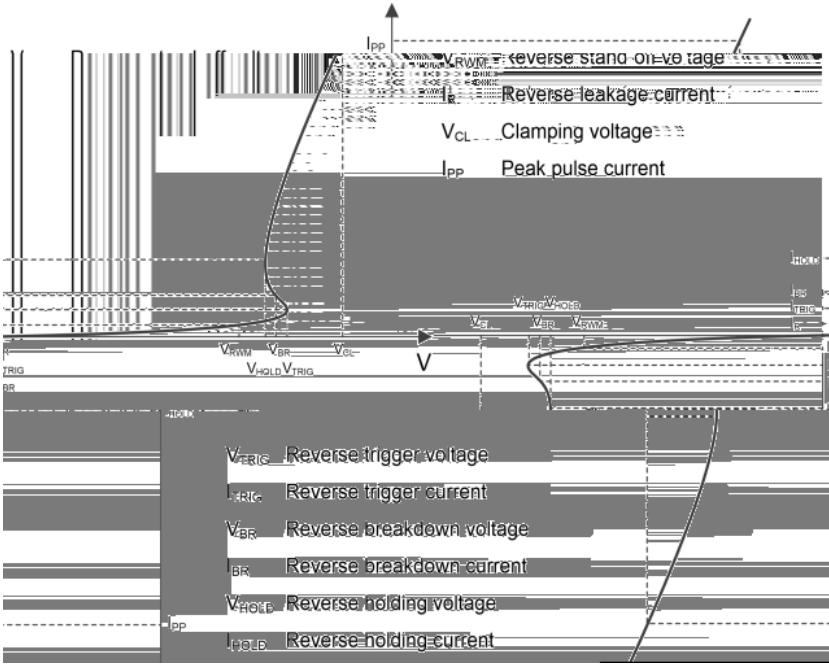


/ Marking

/ Absolute Maximum Ratings

		±	
		±	

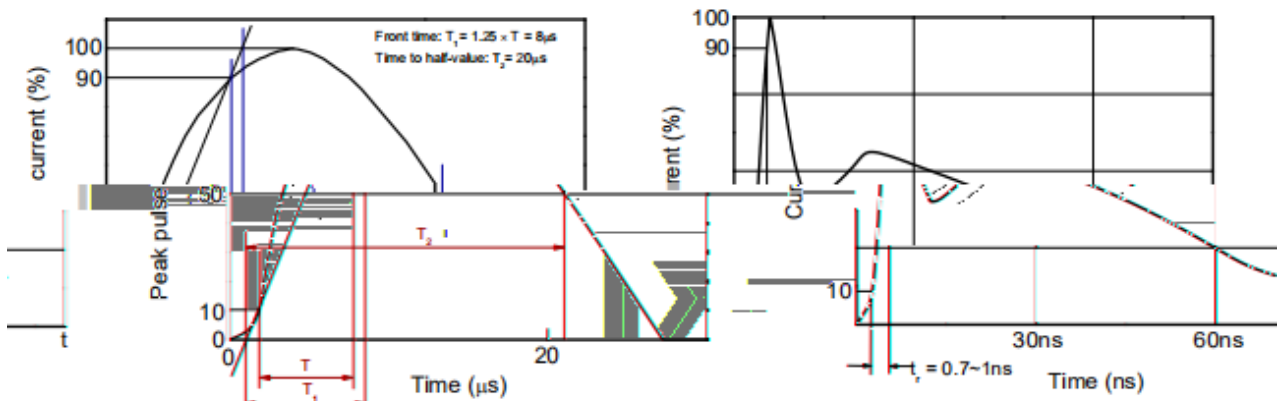
/ Electrical Characteristics(Ta=25)



Definitions of electrical characteristics

					±	

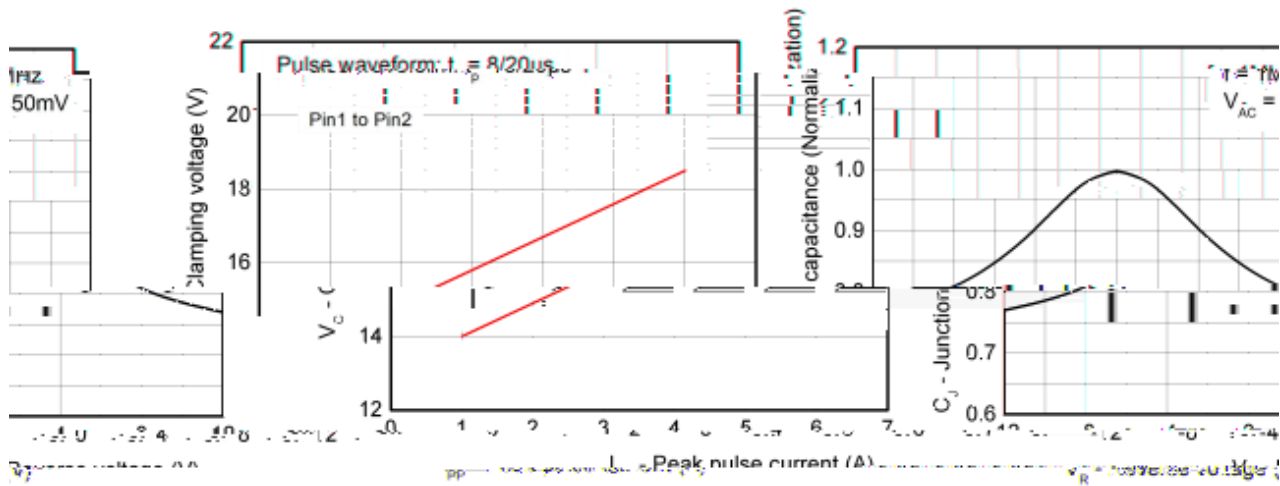
- Notes:
- 1) TLP parameter: Z0 = 50 , tp = 100ns, tr = 2ns, averaging window from 60ns to 80ns. RDYN is calculated from 4A to 16A.
 - 2) Contact discharge mode, according to IEC61000-4-2.
 - 3) Non-repetitive current pulse, according to IEC61000-4-5.

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


IEC61000-4-2

8/20 μs waveform per IEC61000-4-5

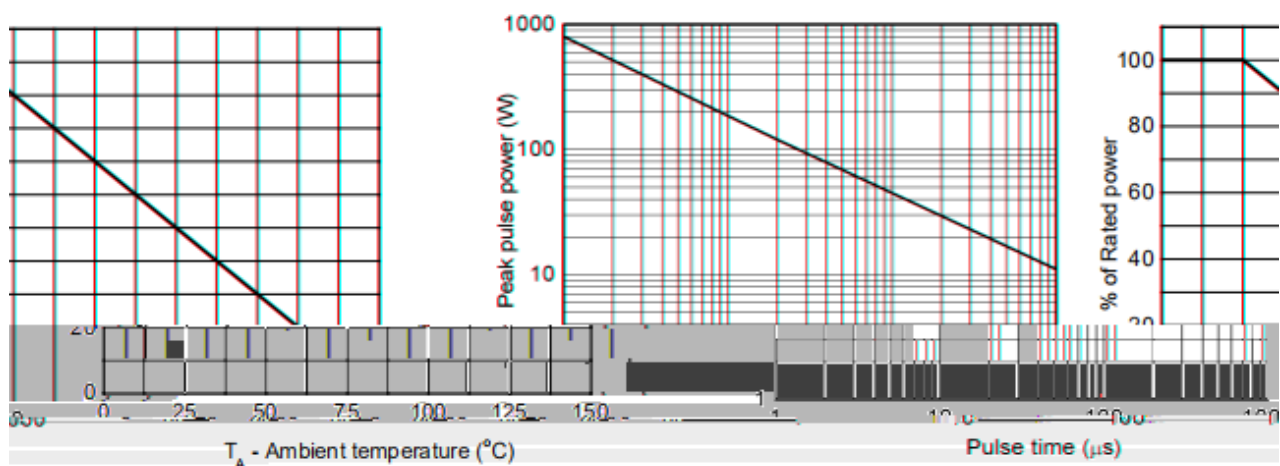
Contact discharge current waveform per IEC



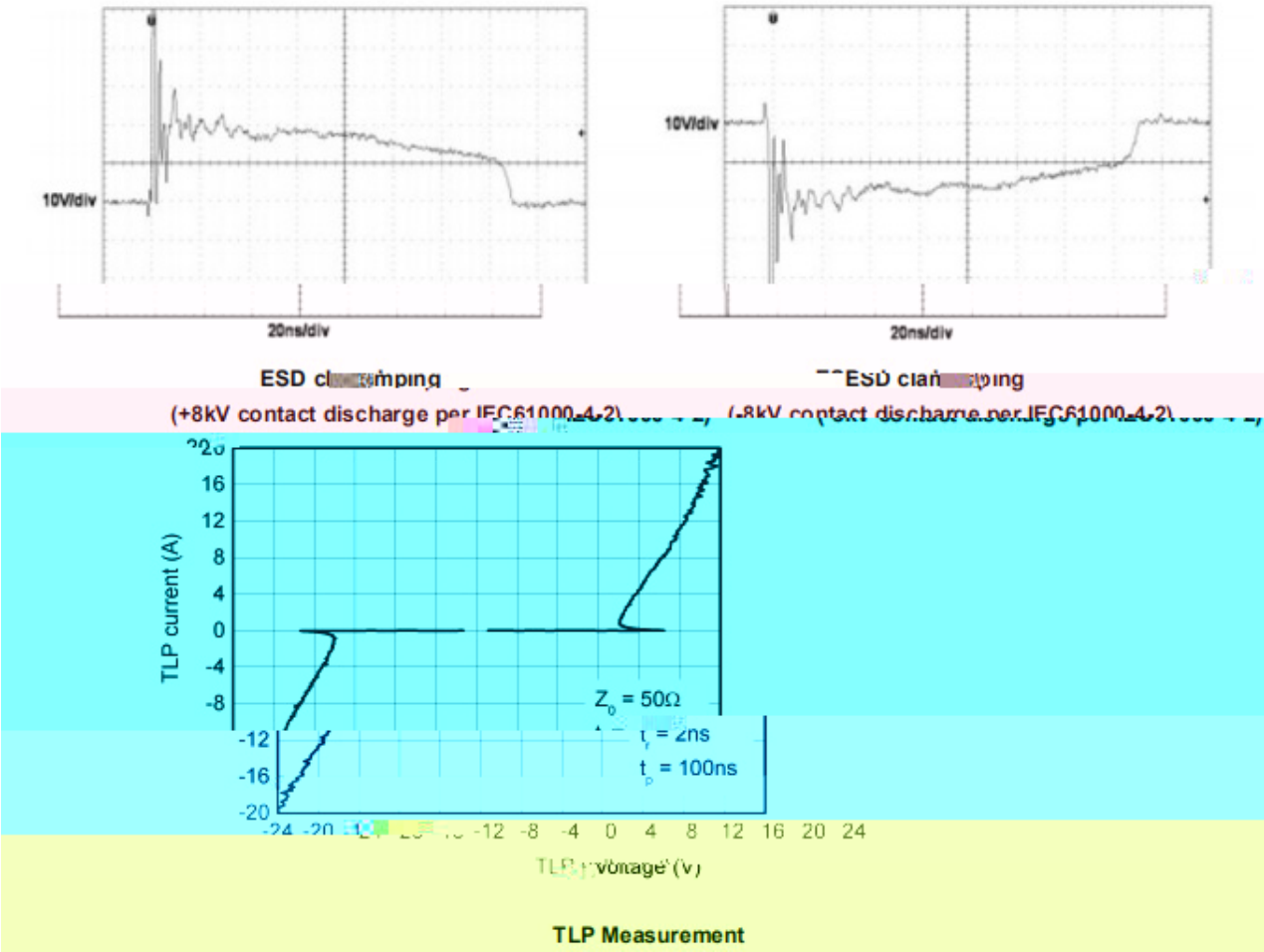
Capacitance vs. reverse voltage

Clamping voltage vs. peak pulse current

Clamping voltage vs. peak pulse current



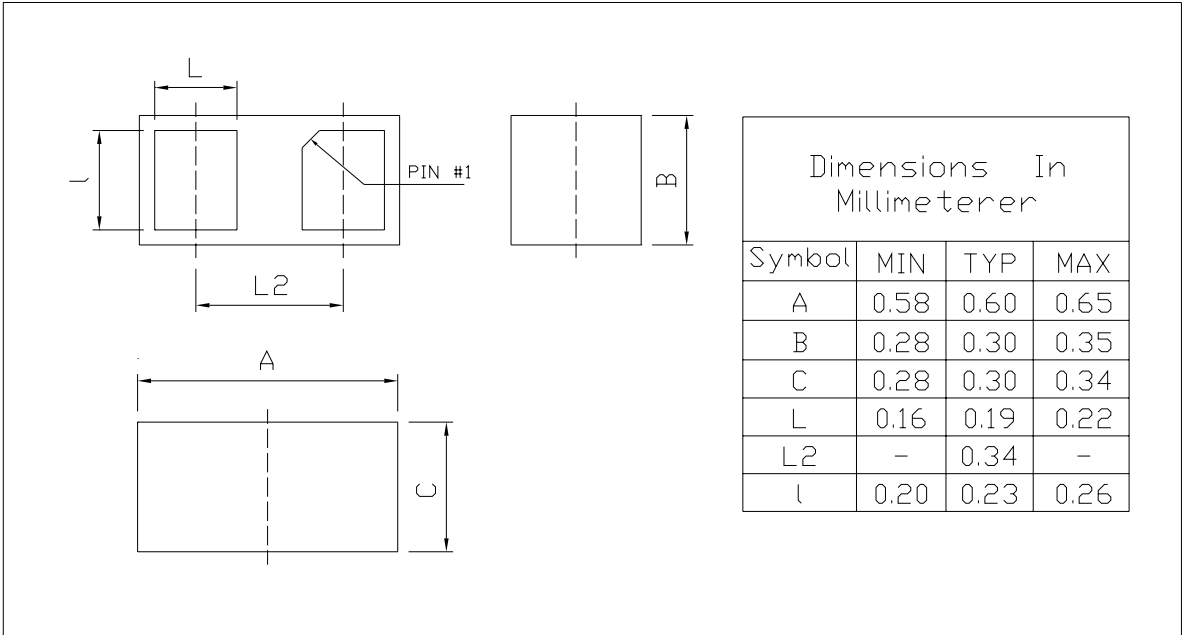
/ Electrical Characteristic Curve(Ta=25)



/ Package Dimensions

DFN0603

Unit:mm



Rev.02 202102

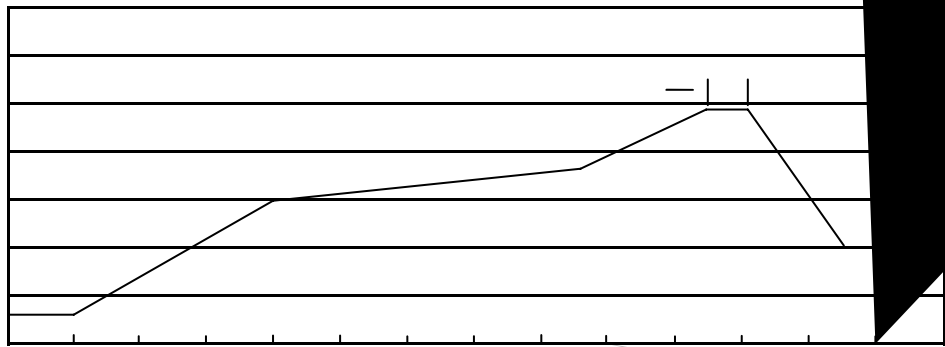
/ Marking Instructions



Dc

BRESD12VP1B2ZA

() / Temperature Profile for IR Reflow Soldering(Pb



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

封装形式	包装数量					包装尺寸		
	只 卷盘	卷盘 盒	只 盒	盒 箱	只 箱		盒	箱

/ Notices