

修订记录 / Revised record

A		ALL	LS3202V3-1Z		
B	2021-10-8	2		.	

BRES3V3L1B2ZA

Rev.B Oct.-2021



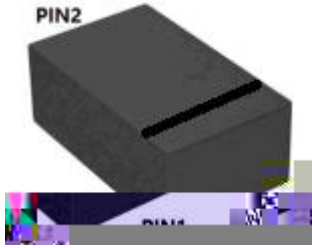
DATA SHEET

DFN0603

ESD

DFN

引脚排列 / Pinning

放大及印章代码 / h_{FE} Classifications & Marking

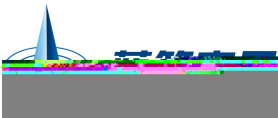
See Marking Instructions.

极限参数 / Absolute Maximum Ratings

Parameter	Symbol	Rating	Unit
Peak Pulse Power($t_p = 8/20\mu s$)	P_{PK}	90	W
Peak Pulse Current($t_p = 8/20\mu s$)	I_{PP}	9	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	± 30	KV
ESD according to IEC61000-4-2 contact discharge		± 30	
Junction temperature	T_J	125	$^{\circ}C$
Operating temperature	T_{OP}	-40~85	$^{\circ}C$
Lead temperature	T_L	260	$^{\circ}C$
Storage Temperature	T_{STG}	-55~+150	$^{\circ}C$

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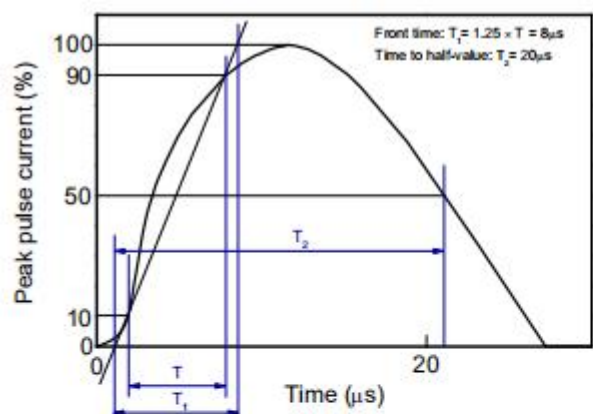
Rev B Oct. 2021



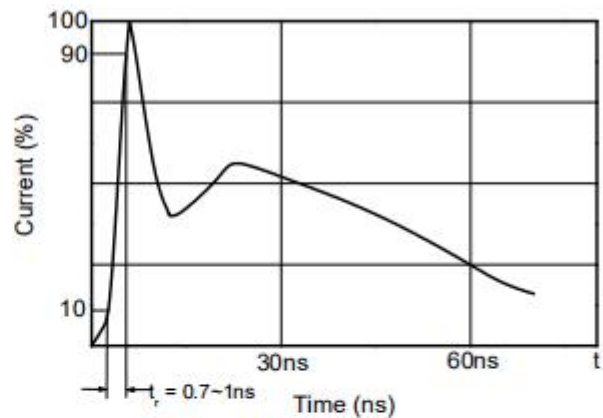
DATA SHEET

参数 Parameter									
Reverse maximum working voltage									
Reverse leakage current									
Reverse breakdown voltage									
Reverse holding voltage		V_R							
Clamping voltage ¹⁾		V_{CL}							
Dynamic resistance ¹⁾		R_{DYN}							
Clamping voltage ²⁾		V_{CL}							
Clamping voltage ³⁾		V_{CL}							
Junction Capacitance	C_J	$f = 1\text{MHz}$		10	13	pF			
	C_J	$V_R = 2.5\text{V}$							

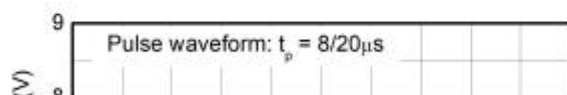
电参数曲线图 / Electrical Characteristic Curve(Ta=25°C)



8/20 μs waveform per IEC61000-4-5



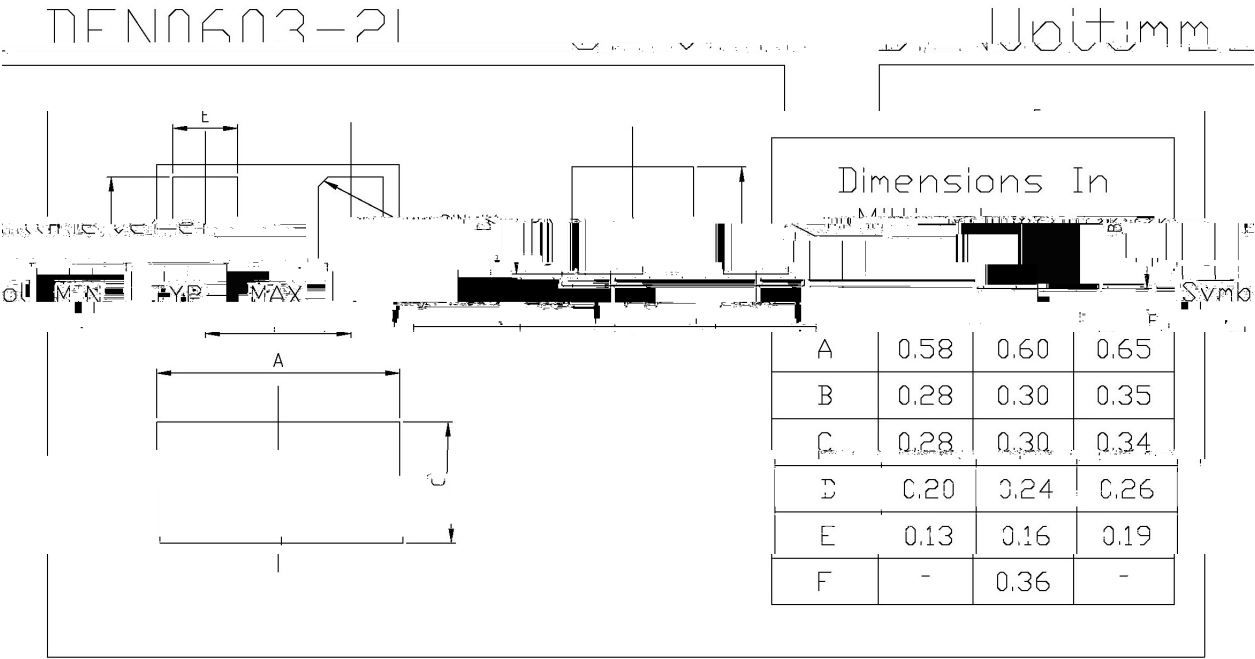
Contact discharge current waveform per IEC61000-4-2



电参数曲线图 / Electrical Characteristic Curve($T_a=25^{\circ}\text{C}$)



外形尺寸图 / Package Dimensions



印章说明 / Marking Instructions



说明：

A3：为型号代码

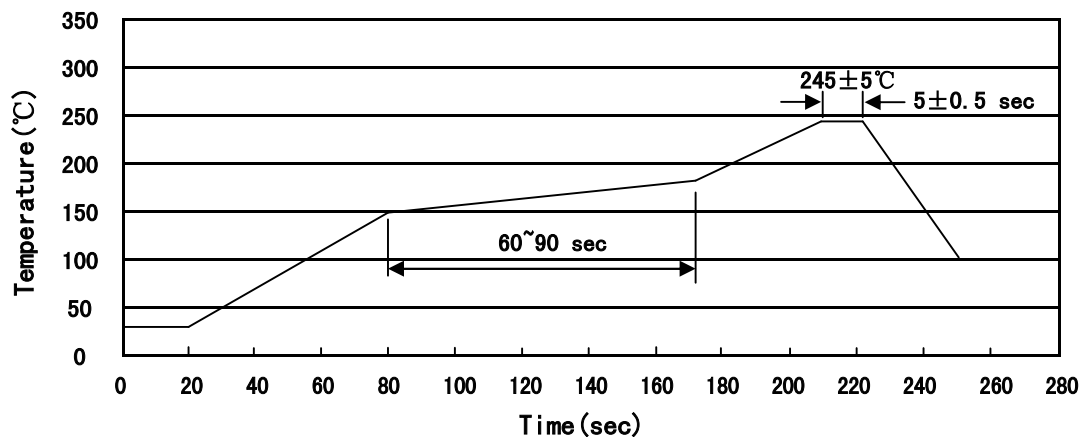
*：为生产批号代码，随生产批号变化

Note：

A3：Product Type.

*：Lot No. Code,code change with Lot No.

回流焊温度曲线图(无铅) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | | | |
|---|-------|-----|----|-----------|--|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180°C, Time:60~90sec. |
| 2 | 245±5 | | | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | | | 2 | 10°C/sec. | 3. Cooling Speed: 2~10°C/sec. |

耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

260±5°C

10±1 sec.

Temp.:260±5°C

Time:10±1 sec

包装规格 / Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	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	Outer Box
DFN0603-2L	10,000	10	100,000	6	600,000	7" ×8	180×120×180	390×385×205

使用说明 / Notices