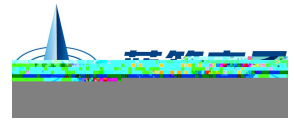


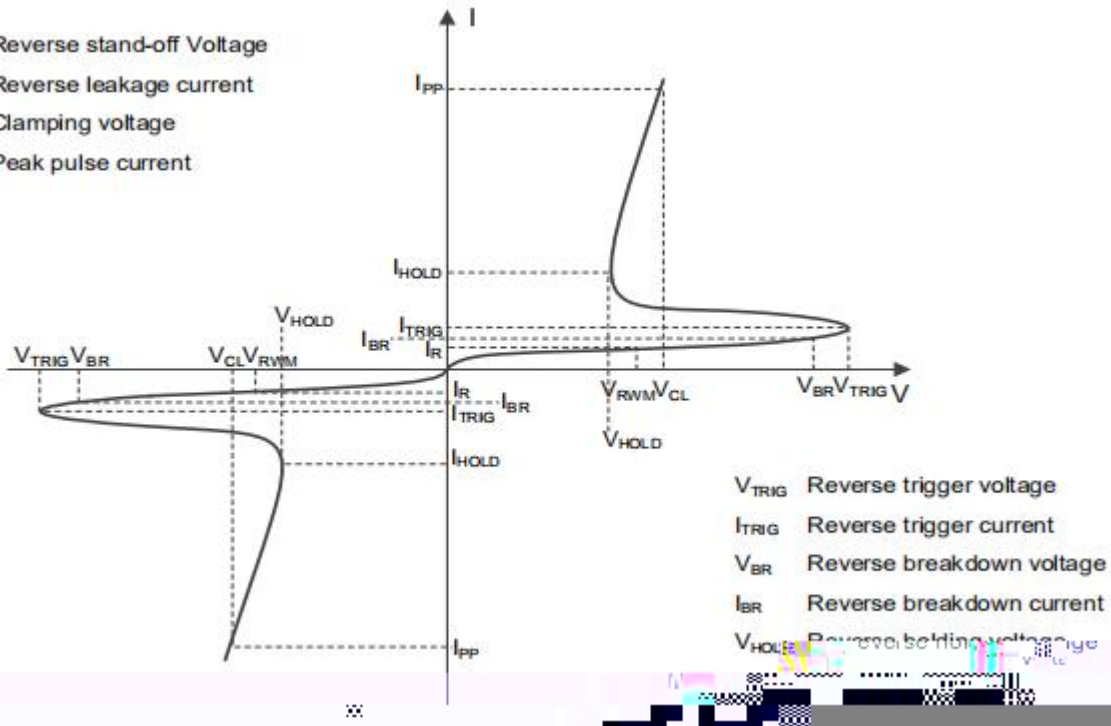
A	2020.0915	ALL	LS1302V3-1Z		
B	2021-10-8	1			



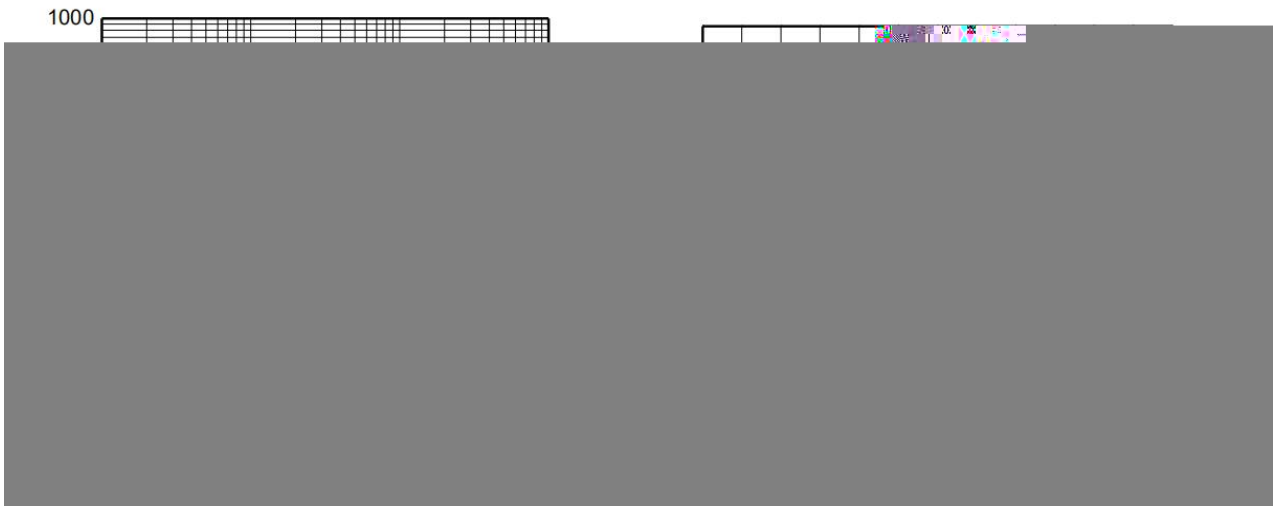
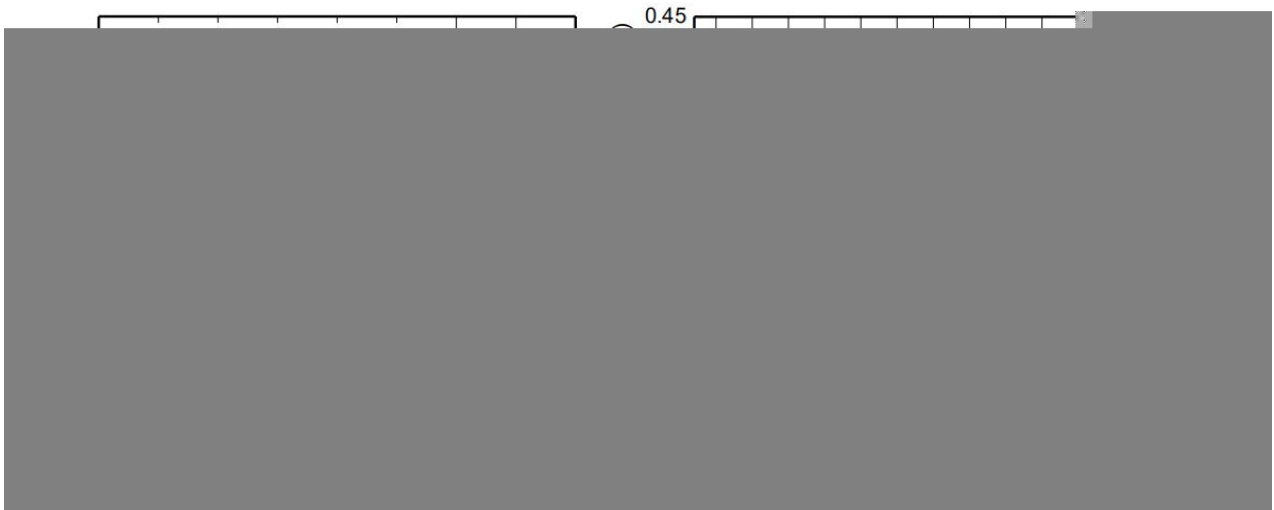
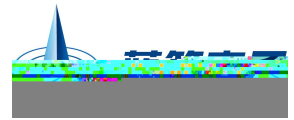
参数 Parameter	符号 Symbol	数值 Rating	单位 Unit
Peak Pulse Power($t_p = 8/20\mu s$)	P_{PK}	34	W
Peak Pulse Current($t_p = 8/20\mu s$)	I_{PP}	4	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	± 15	KV

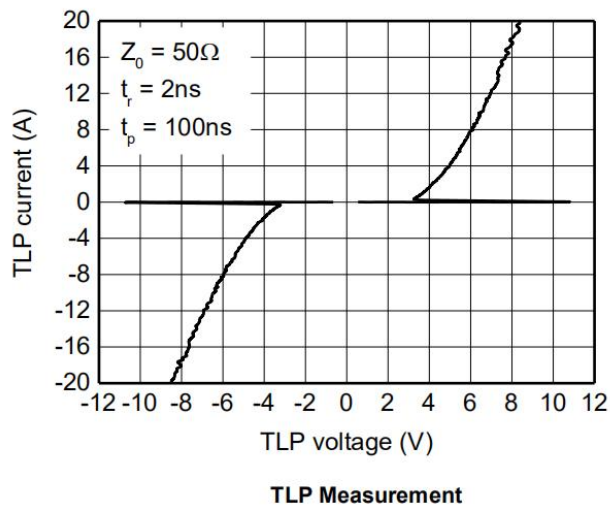
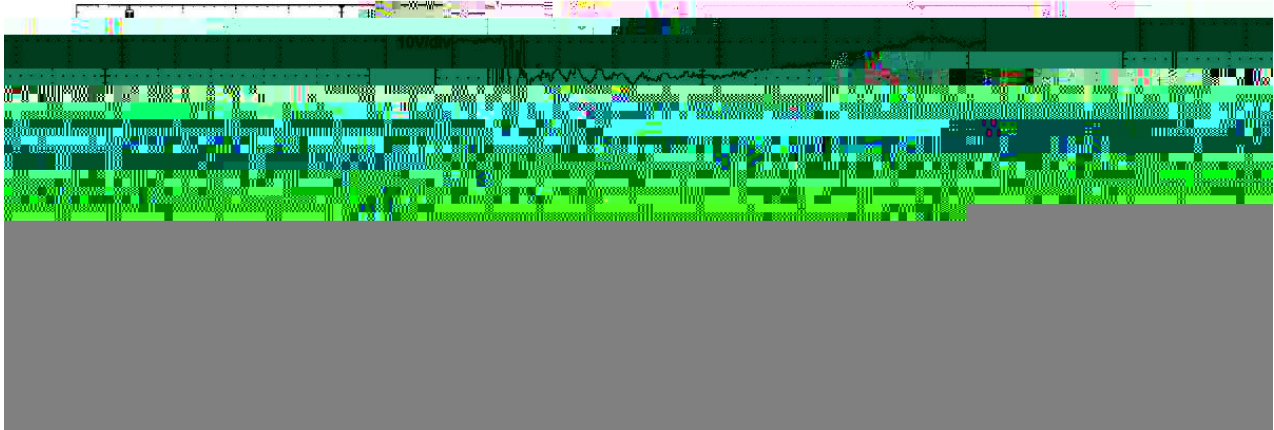
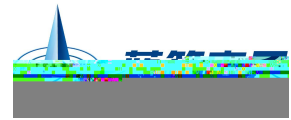


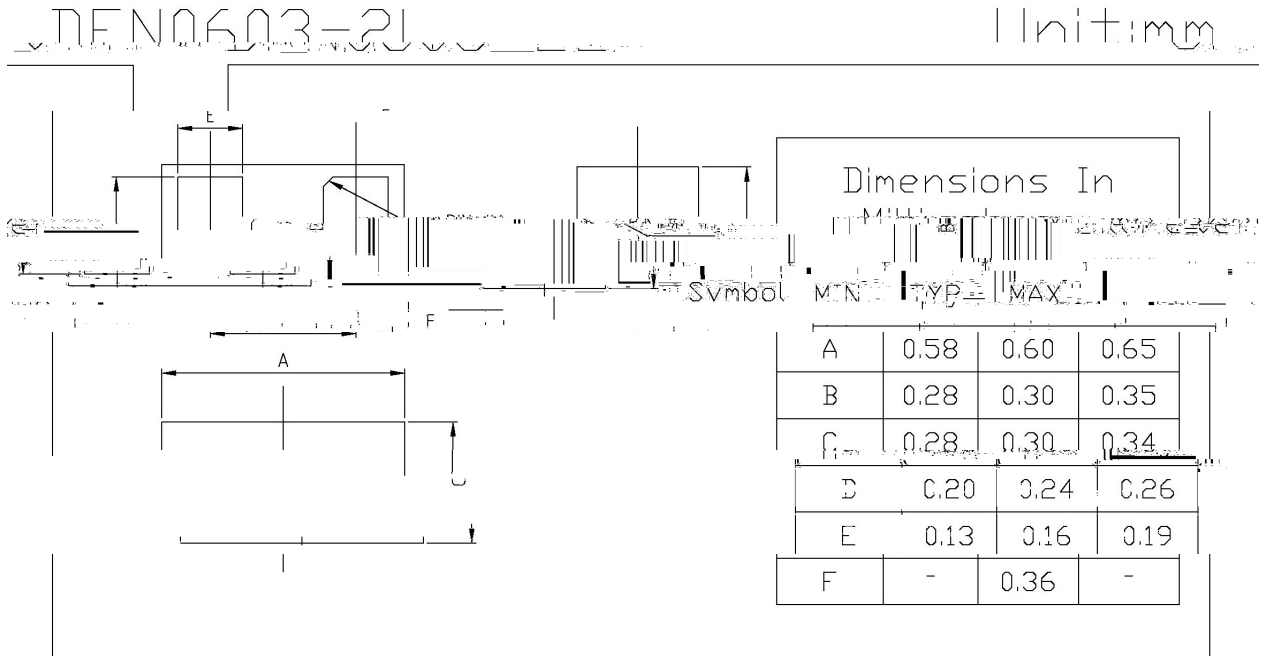
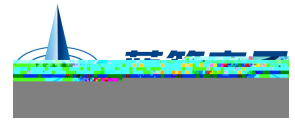
V_{RWM} Reverse stand-off Voltage
 I_R Reverse leakage current
 V_{CL} Clamping voltage
 I_{PP} Peak pulse current

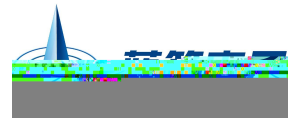


Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Reverse maximum working voltage	V_{RWM}				3.3	V
Reverse leakage current	I_R	$V_{RWM} = 3.3V$		<1	50	nA
Reverse breakdown voltage	V_{BR}	$I_T = 1mA$	7.0	10.0		V
Clamping voltage ¹⁾	V_{CL}	$I_{PP} = 16A$ $t_p = 100ns$		8		V
Dynamic resistance ¹⁾	R_{DYN}			0.25		
Clamping voltage ²⁾	V_{CL}	$V_{ESD} = 8kV$		8.0		V
Clamping voltage ³⁾	V_{CL}	$I_{PP} = 1A$ $t_p = 8/20\mu s$		4.5	5.5	V
		$I_{PP} = 4A$ $t_p = 8/20\mu s$		7	8.5	V
Junction Capacitance	C_J	$V_R = 0V$ $f = 1MHz$		0.4	0.55	pF









说明：

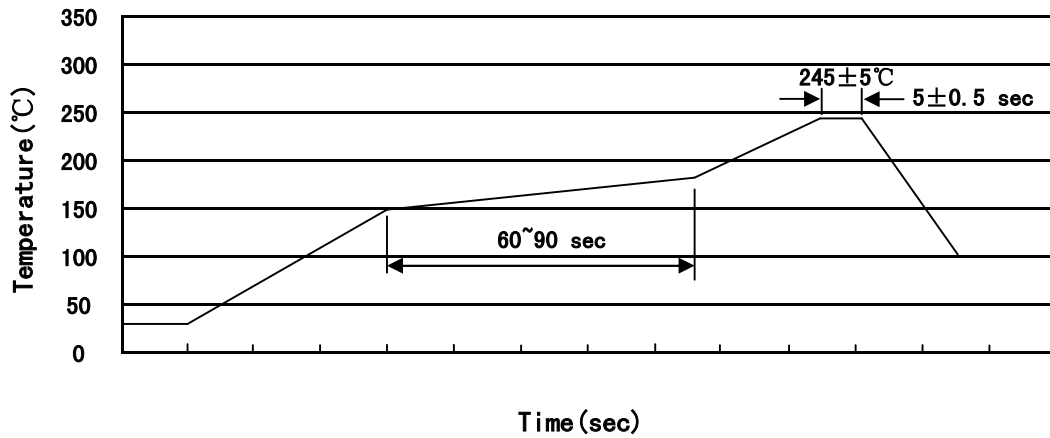
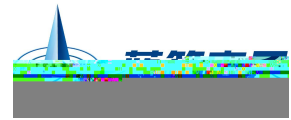
U3： 为型号代码

*： 为生产批号代码，随生产批号变化

Note：

U3： Product Type.

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



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. |

260±5°C

10±1 sec.

Temp.:260±5°C

Time:10±1 sec

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box 盒	Outer Box 箱
DFN0603-2L	10,000	10	100,000	6	600,000	7" ×8	180×120×180	390×385×205