



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

Rev.B Oct.-2021



DFN0603
DFN

ESD

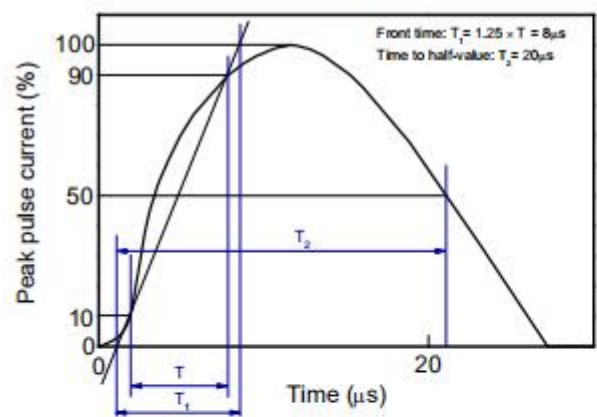


See Marking Instructions.

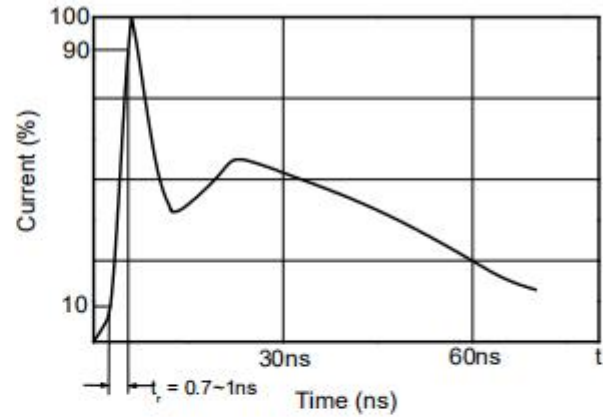
Parameter	Symbol	Rating	Unit
Peak Pulse Power($t_p = 8/20\mu s$)	P_{PK}	90	W
Peak Pulse Current($t_p = 8/20\mu s$)	I_{PP}	9	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	± 30	KV
ESD according to IEC61000-4-2 contact discharge		± 30	
Junction temperature	T_J	125	$^{\circ}C$
Operating temperature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



参数 Parameter	符号 Symbol	测试条件 Test Conditions	最小值 Min	典型值 Typ	最大值 Max	单位 Unit
Reverse maximum working voltage	V_{RWM}				± 3.3	V
Reverse leakage current	I_R	$V_{RWM} = 3.3V$			100	nA
Reverse breakdown voltage	V_{BR}	$I_{BR}=1mA$	3.5	4		V
Reverse holding voltage	V_{HOLD}	$I_{HOLD}=50mA$	3.5	4		V
Clamping voltage ¹⁾	V_{CL}	$I_{PP}=16A \quad t_p=100ns$		9.0		V
Dynamic resistance ¹⁾	R_{DYN}			0.2		Ω
Clamping voltage ²⁾	V_{CL}	$V_{ESD}= 8kV$		9.0		V
Clamping voltage ³⁾	V_{CL}	$I_{PP} = 1A \quad t_p = 8/20\mu s$		4.5	6	V
		$I_{PP} = 9A \quad t_p = 8/20\mu s$		8	10	V
Junction Capacitance	C_J	$V_R = 0V \quad f = 1MHz$		10	13	pF
	C_J	$V_R = 2.5V$				

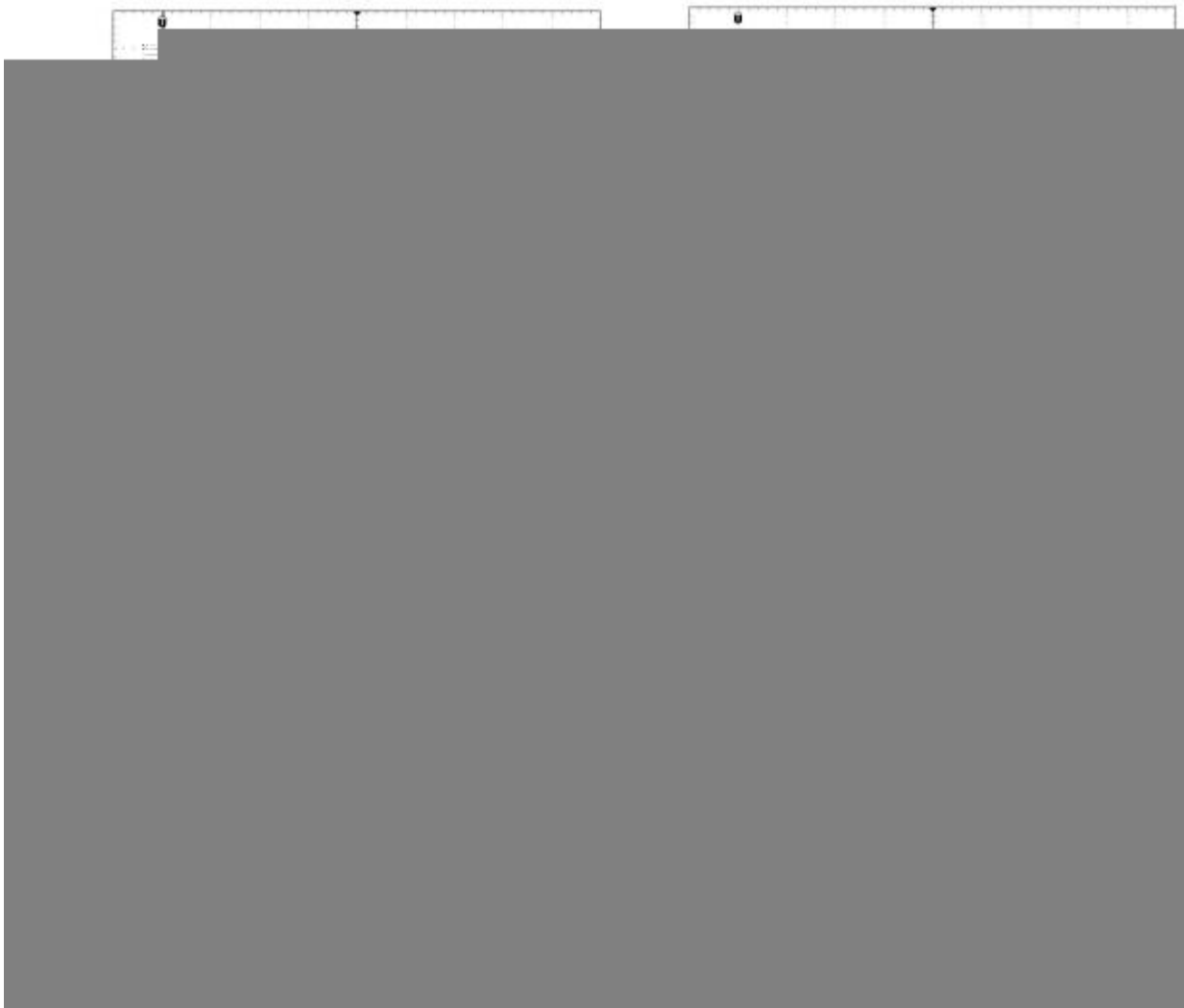


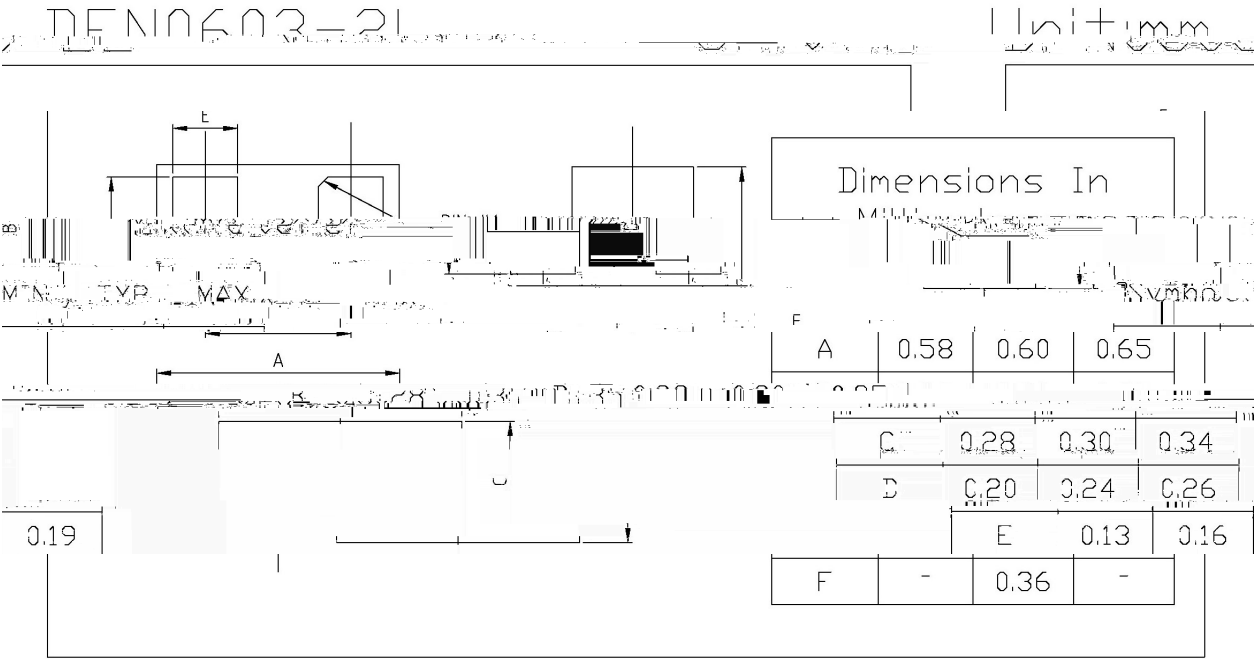
8/20μs waveform per IEC61000-4-5



Contact discharge current waveform per IEC61000-4-2









A3

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Note

A3

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Product Type.

Lot No. Code,code change with Lot No.

