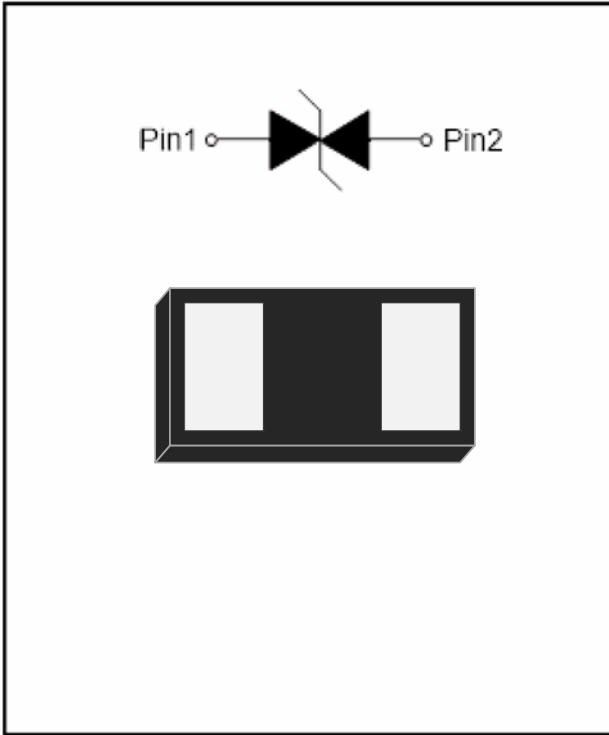


%!@[bYz' 6!X]fYWh]cbU`z`HfUbg]Ybh' Jc`hU [Y'G i ddfYggcf`



:YUhiFYg`****

- Stand-off voltage: 20 V Max
- Transient protection for each line according to
 - IEC61000-4-2(ESD): ±30 kV (contact)
 - IEC61000-4-5(surge): 5 A (8/20µs)
- Low leakage current
- Low clamping voltage
- Low clamping voltage:
- RoHS Compliant

5dd`]WUh]cbg`

- Smartphones, mobile phones and accessories
- Notebooks and Handhelds
- Tablet, PC, netbooks and notebooks
- Digital cameras and camcorders
- Communication and highly integrated systems

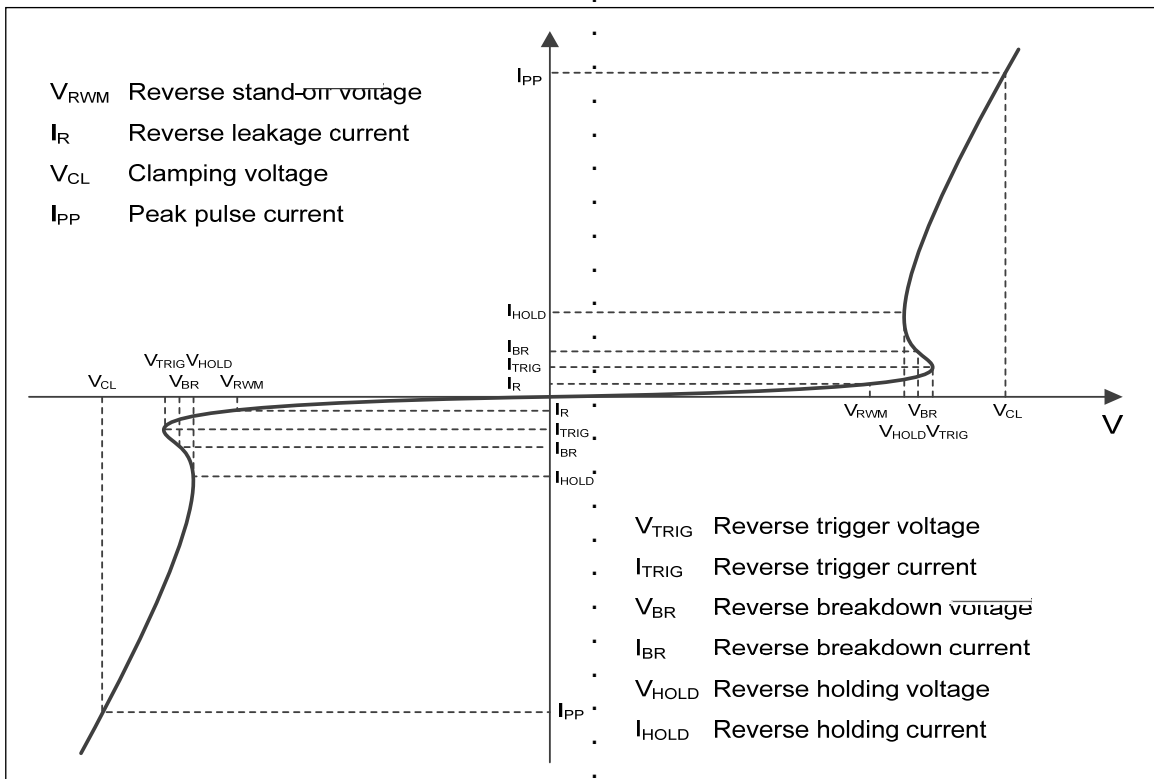
AYW\Ub]WU`8UhU`

- Package: DFN0603-2L
- Case Material: "Green" Molding Compound
- Moisture Sensitivity: Level 3 per J-STD-020
- Marking Information: See Below



DL = Device Marking Code

8YZ]b]h]cbg`cz`Y`YWhf]WU`W\UfUWhYf]gh]Wg`





9G8@7&\$J@N6

AUI]a i a `FUh]b]g

7~δQ•	D5F5A9H9F'	GMA6C@'	@-A-HG'	I B-H'
Peak pulse power ($t_p = 8/20\mu s$)		P_{pk}	160	W
Peak pulse current ($t_p = 8/20\mu s$)		I_{pp}	5	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	-40~125	°C
Storage temperature		T_{STG}	-65~150	°C

9`YWhf]WU` 7 \ufUWhYf]gh]Wg $T_a=25$ Unless herwise specified

D5F5A9H9F'		I B-H'	7cbX]h]cbg'	A]b'	Hmd'	AUI'
Reverse maximum working voltage	V_{RWM}	V				20
Reverse leakage current	I_R	uA	$V_{RWM} = 5V$			0.5

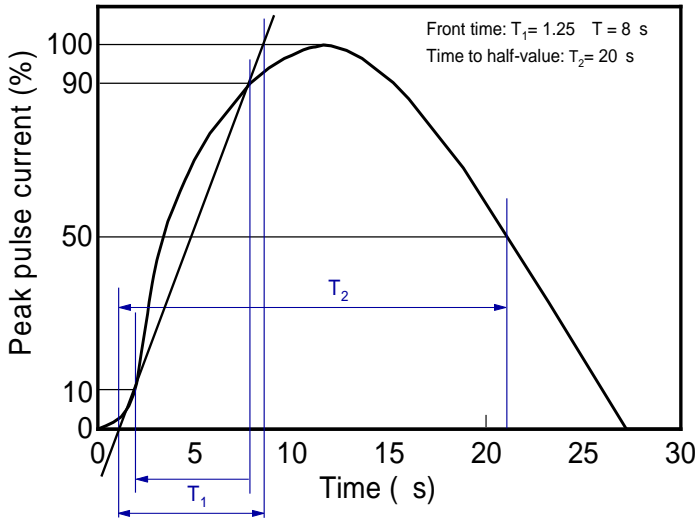
Clamping voltage ¹⁾	V_{CL}		$PP = 4A, t_p = 0.2/100ns(TLP)$		25.6	
Clamping voltage ¹⁾	V_{CL}		$PP = 16A, t_p = 0.2/100ns(TLP)$		29.1	
Dynamic resistance ¹⁾	R_{DYN}		$t_p = 0.2/100ns (TLP)$		0.29	

Clamping voltage

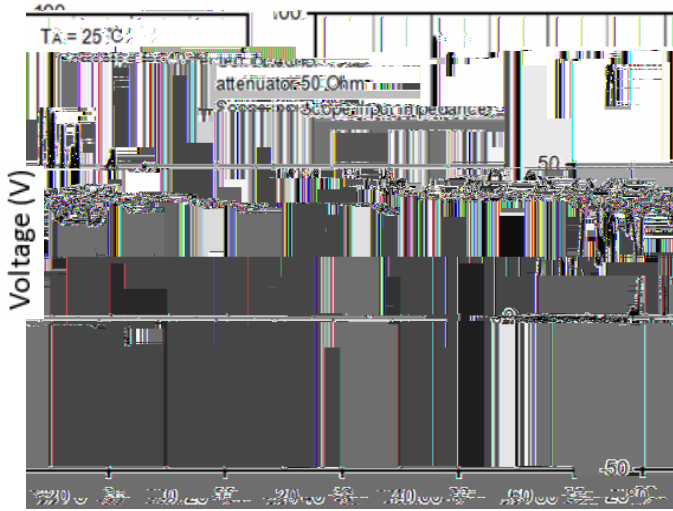


7 \UfUWhYf]gh]Wg' (Typical)

:]['% , #&\$ g' kUjYZcfa 'dYf'=97 *%\$\$\$!()

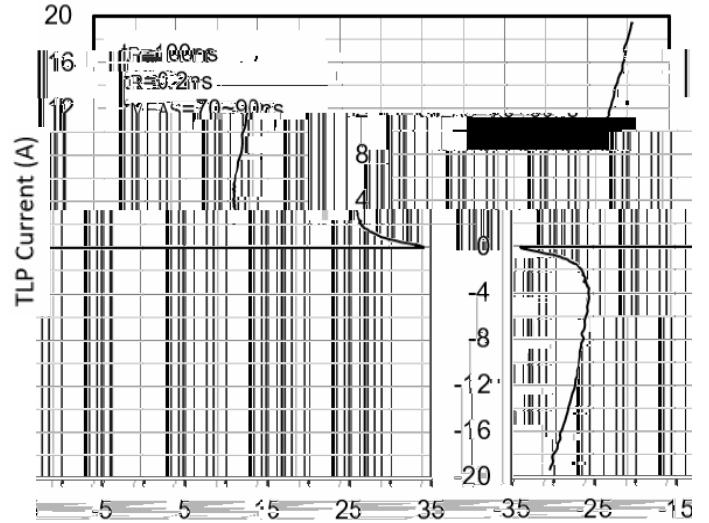


:]['+ '9G8' W'Ua d]b[..... :]['- 'H@D' AYUg i f a Ybh'

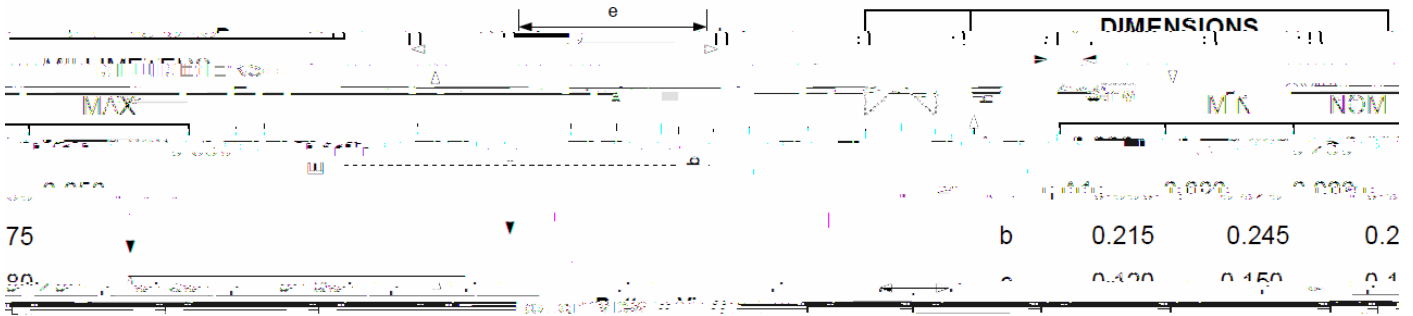


Time (ns)

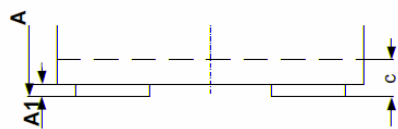
f1Z, _J WcbhUWh XjgW\Uf [Y dYf -97 *%\$\$\$!(!&



C i h']bY' 8] a Ybg]cbg''

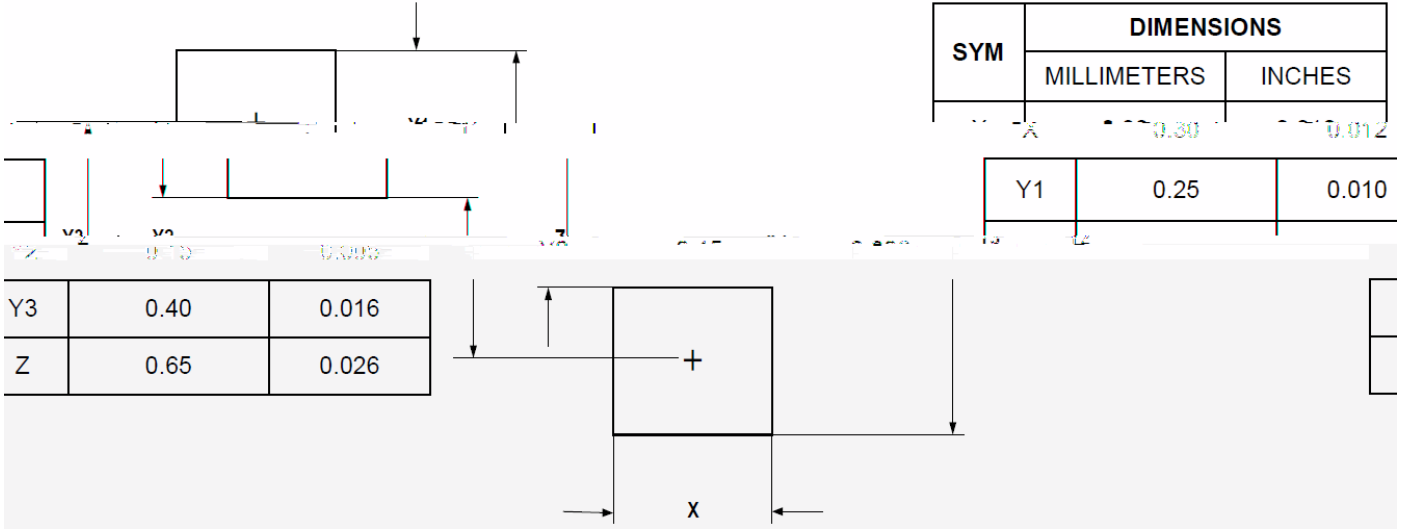


D	0.550	0.600	0.650
e	0.355 BSC		
E	0.250	0.300	0.350
L	0.160	0.190	0.220
h	0.079 BSC		





'FYWc a aYbXYX'D76'@Umc ih'



Unit:mm

Notes:

This recommended land pattern is for reference purposes only. Please consult your manufacturing group to ensure your PCB design guidelines are met



9G8@7&\$J@N6

8]gW'U]a Yf'

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