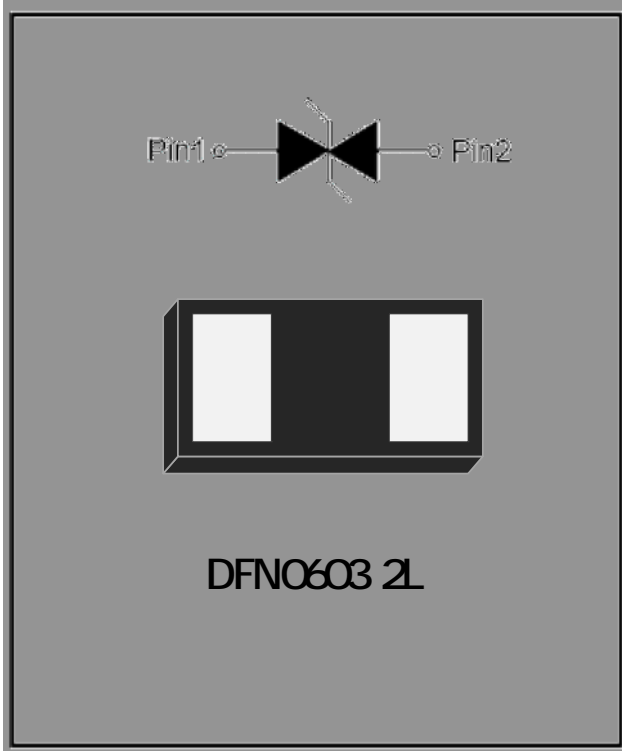


!@]bYz' 6]!X]fYWh]cbU'z'HfUbg]Ybh' Jc`hU [Y'G i ddfYggcf'



:YUhiFYg''''

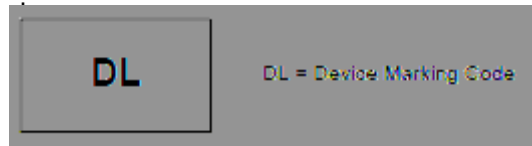
- Stand-off voltage: 20 V Max
- Transient protection for each line according to
 - IEC61000-4-2(ESD): ±30 kV (contact)
 - IEC61000-4-5(surge): 5 A (8/20µs)
- Low leakage current
- Low clamping voltage
- Low clamping voltage:
- RoHS Compliant

5dd`]WUh]cbg'

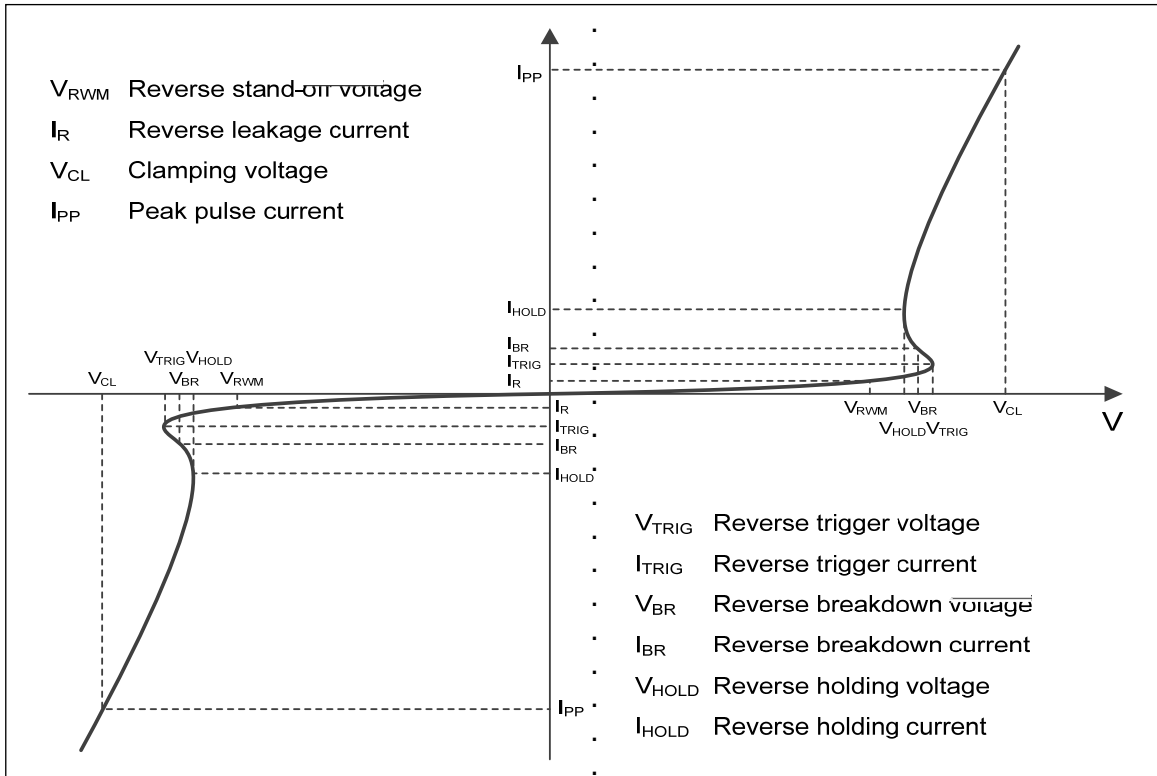
- Smartphones, mobile phones and accessories
- Notebooks and Handhelds
- Tablet, PC, netbooks and notebooks
- Digital cameras and camcorders
- Communication and highly integrated systems

AYW\Ub]WU' 8UhU'

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



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

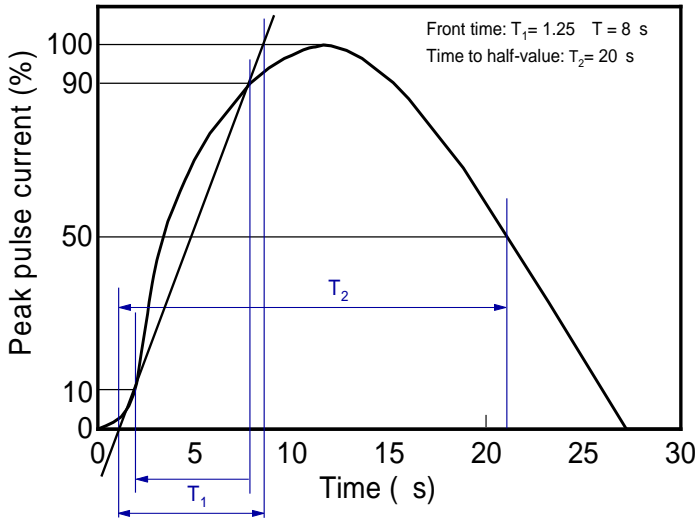
Clamping voltage ¹⁾	V_{CL}		$PP = 4A, t_p = 0.2/100ns(TLP)$		25.6	
Clamping voltage ¹⁾	V_{CL}		$PP = 16A, t_p = 0.2/100ns(TLP)$		29.1	
Dynamic resistance ¹⁾	R_{DYN}		$t_p = 0.2/100ns (TLP)$		0.29	

Clamping voltage



7 \UfUWhYf]gh]Wg' (Typical)

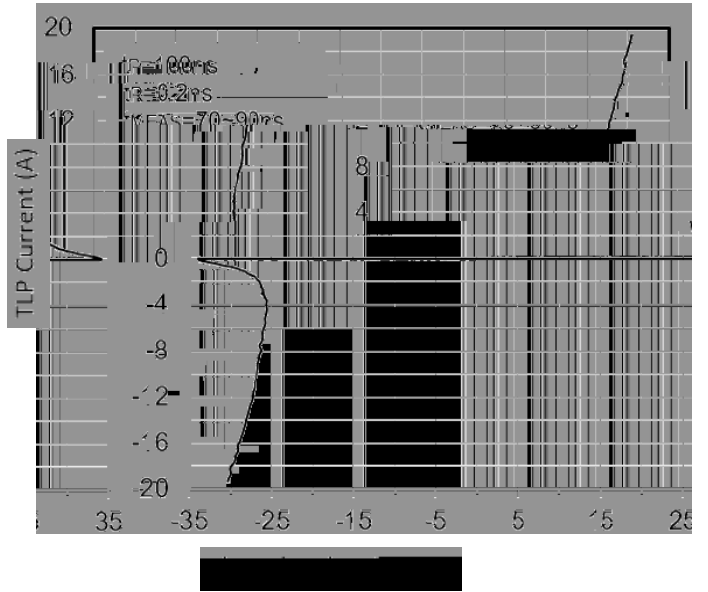
:]['% , #&\$ g' kUjYZcfa 'dYf'=97 *%\$\$\$!(I)



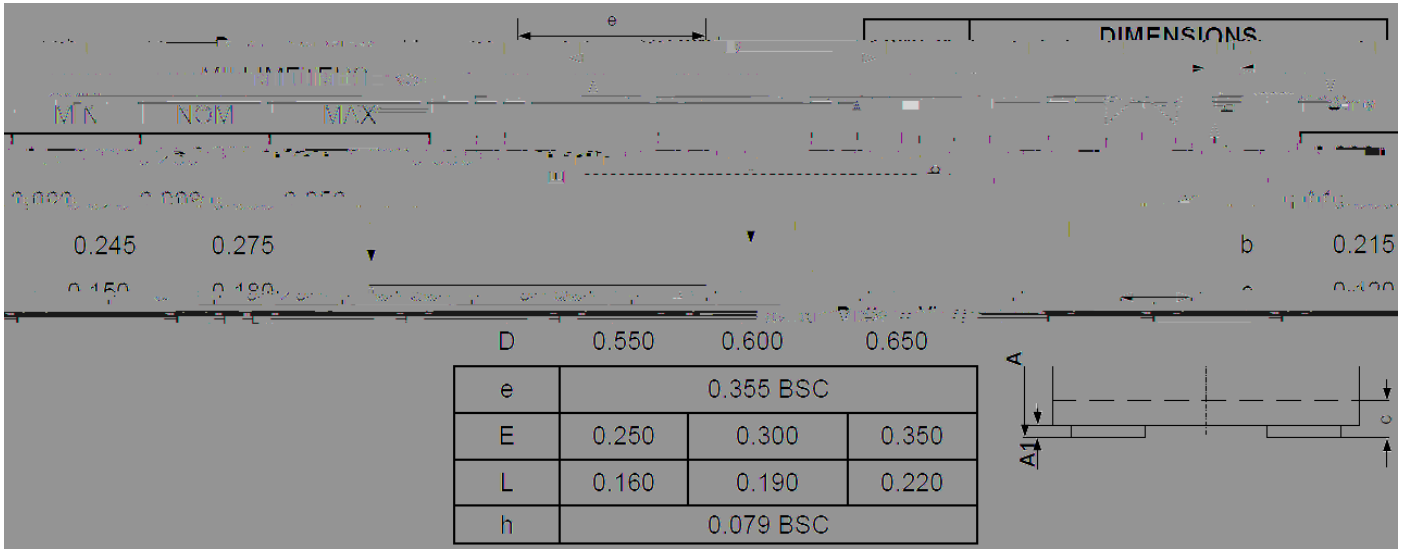
:]['+ '9G8' WUa d]b[..... :]['- 'H@D' AYUg i f a Ybh'



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

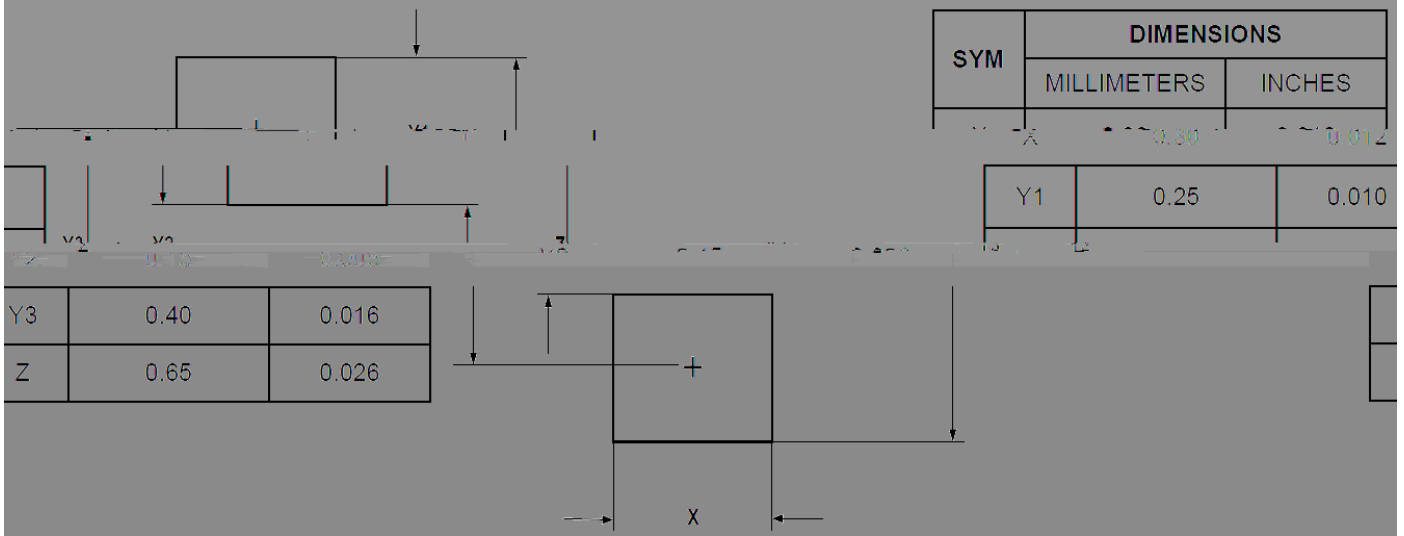


C i h`bY`8]a Ybg]cbg`





'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



8]gW'U]a Yf'

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