* , 4 .> / / x % ¿ i E g + 9 * 8 â o
DFN0603 Pac Pac g 1-Li Bi d al, ESD Pro Dio

Sta dg 5V Max
Tar pro dg d
IEC61000-4-2(ESD): 30kV (ai c
IEC61000-4-4 (EFT): 80A (5/50 s
IEC61000-4-5(Su 20A (8/20 s
Ul- pa eCJ = 35 F yp
Lo ka e
Lo g VCL =7.8V yp @ IPP = 16A (TLP)
Sta dg
HF Pro

Ba y Li Pro
Ad Li Pro
Mo Li Pro
GPIO Pro

@ Parameter	Z Symbol		% y Unit
Peak Pulse Power (tp = 8/20 μs)	P_{PK}	230	W
Peak Pulse Current (tp = 8/20 μs)	I_{PP}	20	A

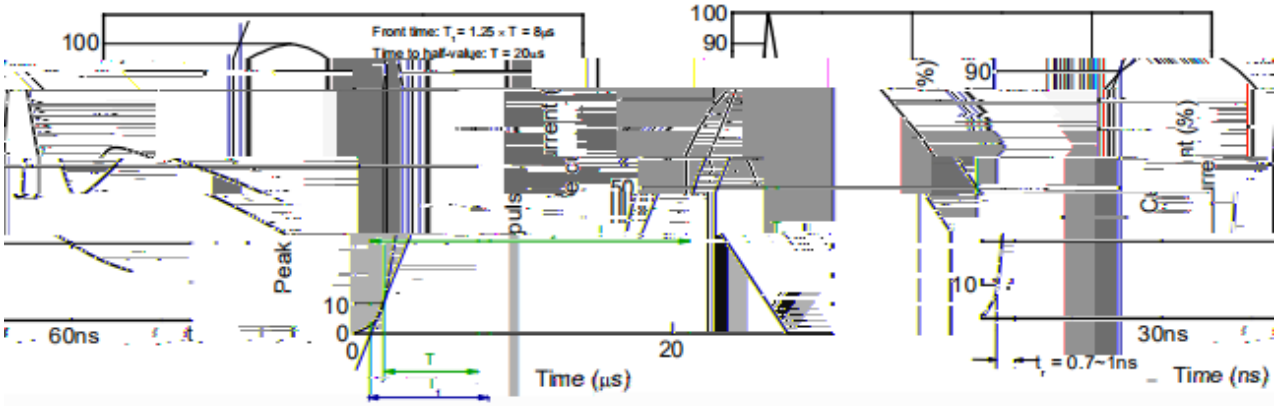
ESD according to IEC61000-4-2

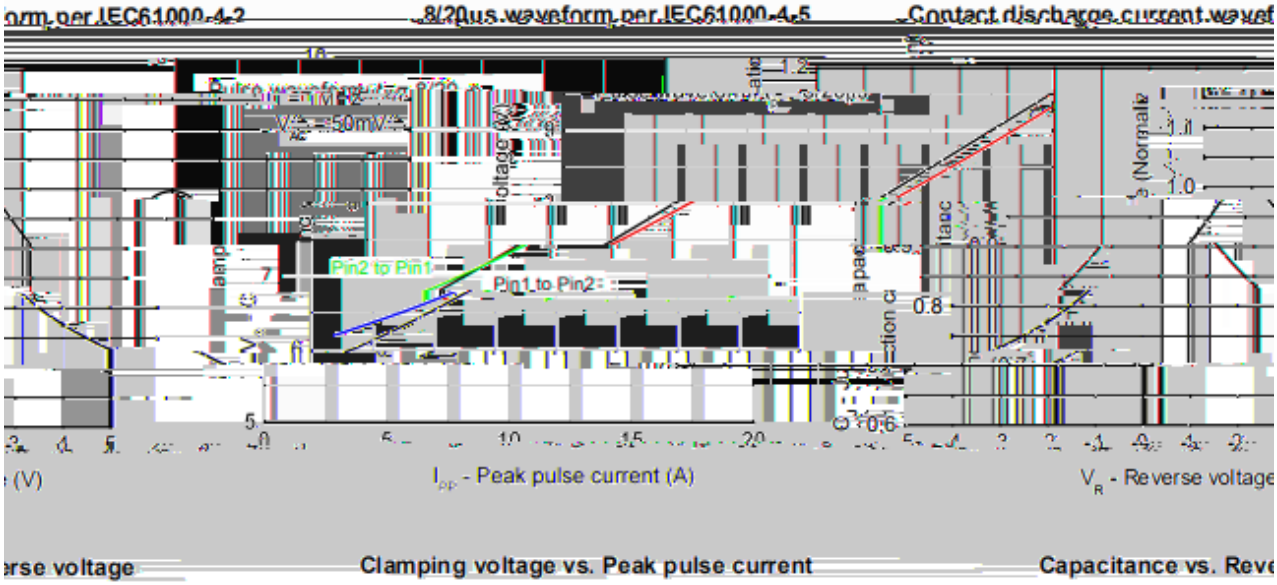
Definitions of electrical characteristics

@ Parameter	Z Symbol	y ¡ Ú^ Test Conditions	´ 4 Min	`” Typ	´ Ý Max	% y Unit
Reverse working voltage	V_{RWM}				f 5.0	V
Reverse leakage current	I_R	V_{RWM} = 5.0V			100	nA
Reverse breakdown voltage	V_{BR}	I_{BR}=1mA	5.1			V
Reverse holding voltage	V_{HOLD}	I_{HOLD}=50mA	5.1			V
Clamping voltage [1]	V_{CL}	I_{PP}=16A				

t V5 .48 2.7( )]TJ7.0172 0 0 73 -P1T8 598 T66/.01 s

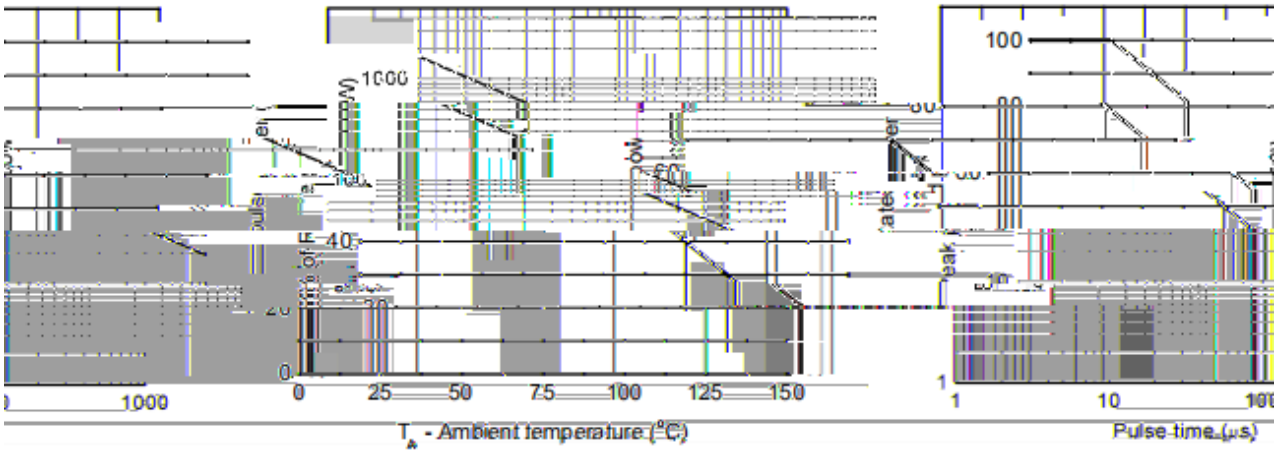
Ô? d ¢ / Electrical Characteristic Curve(Ta=25 ;)





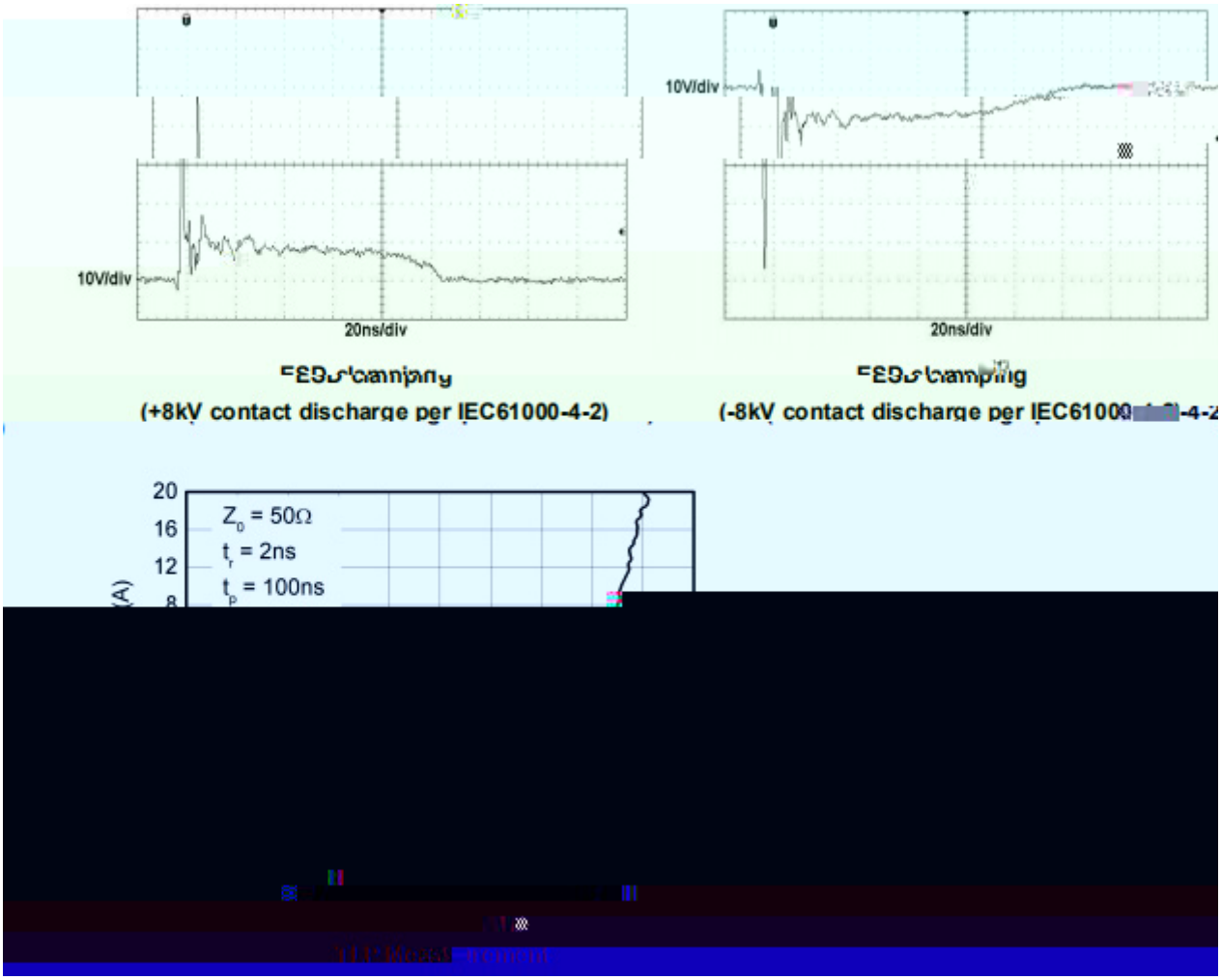
Clamping voltage vs. Peak pulse current

Capacitance vs. Reve



Non-repetitive peak pulse power

Ô? d ¢ / Electrical Characteristic Curve(Ta=25 ;)



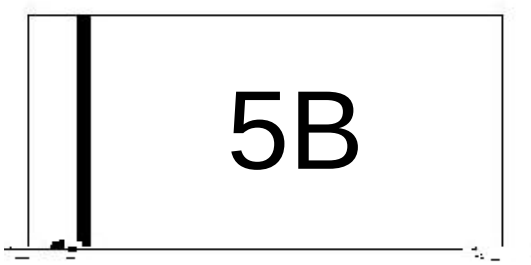
ESD clamping
(+8kV contact discharge per IEC61000-4-2)

ESD clamping
(-8kV contact discharge per IEC61000-4-2

Package Dimensions



, M y / Marking Instructions



“ ¢ y

(y ” Z W A

Nt y

5B y Pd Tg Cd

WD t ¢ (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

“ ¢ y				Nø			
1o ˜ ‰	150 ‰ 180 - k	60 ‰ 90ø		1.Pa 150±180		- , Ti 60-90ø	
2o Q	245 r 5 - k	4 Ò	5 r 0.5ø	2.Pa Tp 245	r 5 - , Da 5		r 0.5ø
3o D N òi Ò 0 ,	2 ‰ 10 - /ø			3.	Cl Sp 2±0	- /ø	

´D /Cª p fl »] / Resistance to Soldering Heat Test Conditions

y 260 r 5 -	y 10 r 1 ø	Tp 260±5	Ti 10± ø

G P Æ / Packaging SPEC.

2 & x / REEL

Pa Tp 7>ß E	Uø ;>ß ƒH					Dø ;>ß p . (ø ˘ m ³)			
	Units/Reel / ›-	Reels/Inner Box ›- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box×	Outer Box 1ç	¦EÎñ F5”„Žp”6 – Qº