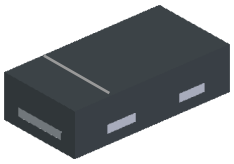
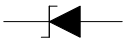
- 2900Watts peak pulse power (tp = 8/20μs)
- Solid-state silicon-avalanche technology
- Low clamping voltage
- Low leakage current
- Protection one data/power line
- IEC 61000-4-2 ±30kV contact ±30kV air
- IEC 61000-4-4 (EFT) 40A (5/50ns)
- IEC 61000-4-5 (Lightning)80A (8/20μs)



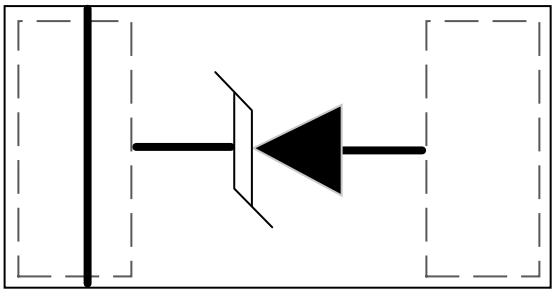


DFN1610-2L

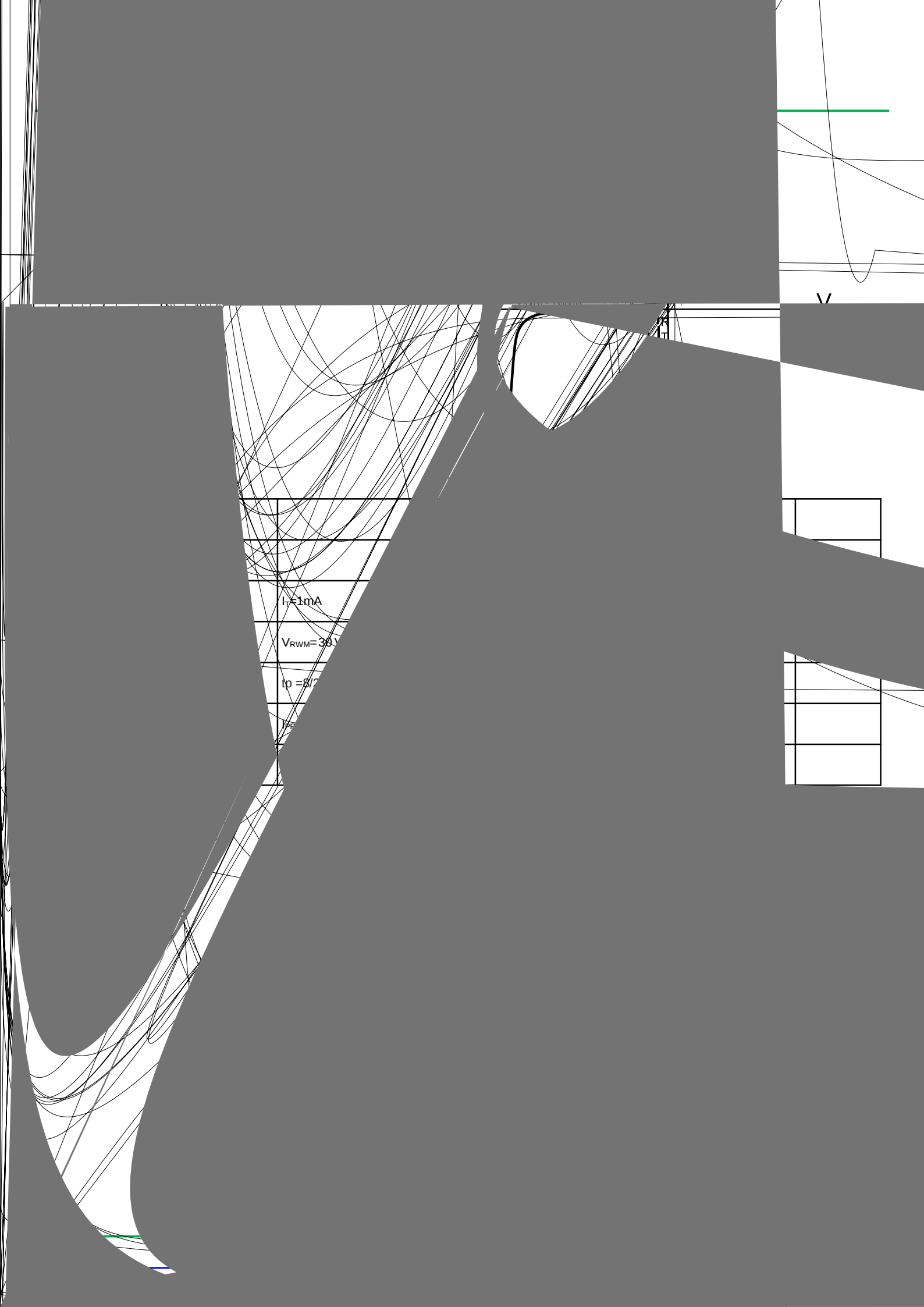
Marking Code	

- Cell Phone Handsets and Accessories
- Microprocessor based equipment
- Personal Digital Assistants (PDA's)
- Notebooks, Desktops, and Servers
- Portable Instrumentation

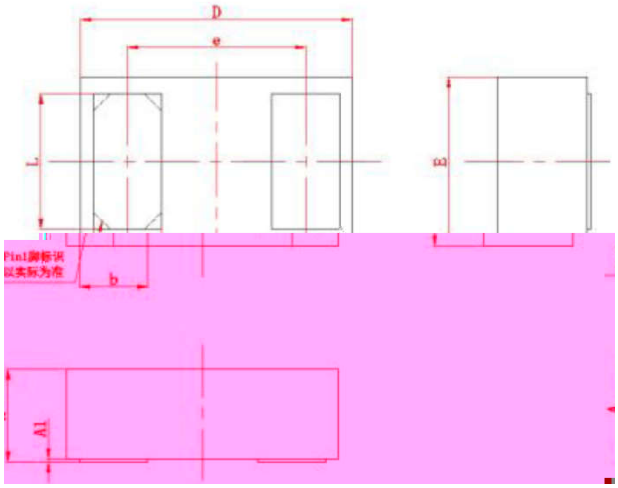
- Case: DFN1006-2L
- Molding compound flammability rating: UL 94V-0
- Packaging: Tape and Reel
- RoHS/WEEE Compliant



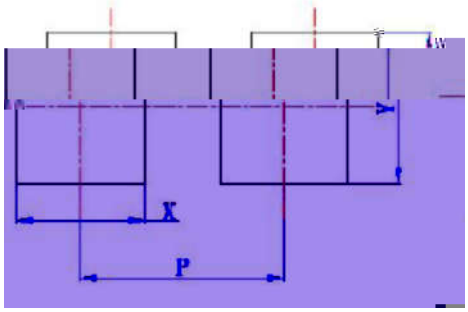
Peak Pulse Power (t_p =8/20μs)		2900	
Peak Pulse Current (t_p =8/20μs) (note1)		80	
ESD per IEC 61000-4-2 (Air) ESD per IEC 61000-4-2 (Contact)		30 30	
Lead Soldering Temperature		260(10seconds)	
Junction Temperature		-55 to + 125	
Storage Temperature		-55 to + 125	


V
I_T=1mA
V_{RWM}= 30 V

	Tape/Reel,7”reel	3000PCS/Reel 120000PCS/Carton



A	0.50	0.60	0.020	0.024
A1	-	0.05	-	0.002
D	1.50	1.70	0.060	0.067
E	0.90	1.10	0.035	0.043
e	Typ1.05		Typ0.041	
b	0.35	0.45	0.014	0.018
L	0.75	0.95	0.030	0.037



X	0.62
Y	1.00
P	1.20

The information presented in this document is for reference only. GuangDong Youfeng Microelectronics Co.,Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise. The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of with would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices),YFW or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale. This publication supersedes & replaces all information previously supplied. For additional information, please visit our website https://www.yfwdiode.com, or consult YFW sales office for further assistance.