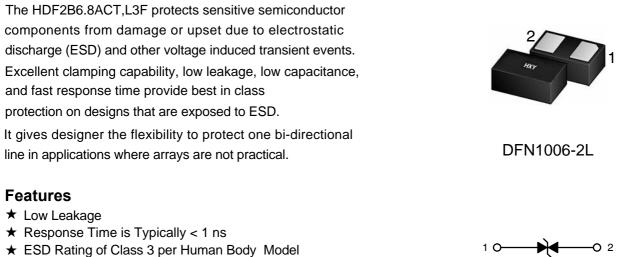


Discription



- ★ IEC61000-4-2 Level 4 ESD Protection
- ★ These are Pb-Free Devices
- ★ We declare that the material of product compliance with RoHS requirements and Halogen Free.

Orderingin formation

Product ID	Pack	Qty(PCS)	
HDF2B6.8ACT,L3F	DFN1006-2L	10000	

Absolute Ratings(Tamb = 25°C)

Symbol	Parameter	Value	Units		
P _{PP}	Peak Pulse Power (t _p = 8/20µs)	66	W		
ΤL	Maximum lead temperature for soldering during 10s	260	°C		
T _{stg}	Storage Temperature Range	-55 to +150	°C		
T_{op}	Operating Temperature Range	-40 to +125	°C		
Tj	Maximum junction temperature	150	°C		
		lischarge	±25	КV	
	contact d	ischarge	±20		



Circuit Diagram



Electrical Characteristics

	V _{RWM} (V)	I _{R1} (μΑ) @ V _{RWM}	I _{R2} (μΑ) @ V _R =3.5∨	V _{BR} (V) @ է (Note 2)		ե	V _C (V) @ lpp = 1 A (Note 3)	V _C (V) @MAX I _{PP} (Note 3)	I _{PF} (A) (Note 3)	Р_{РК}(W) (Note 3)	C (pF)
Device	Max	Max	Max	Min	Max	mA	Мах	Max	Max	Max	Тур
HDF2B6.8ACT,L3F	5.0	0.5	0.3	5.6	8.0	1.0	8.5	12	5.5	66	10

Other voltage available upon request.

2. V_{BR} is measured with a pulse test current IT at an ambient temperature of 25 $^\circ C$

3. Surge current waveform per Figure 3.

Typical Characteristics

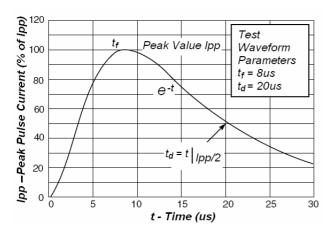
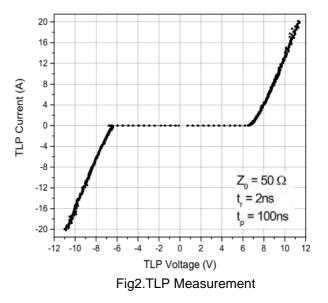
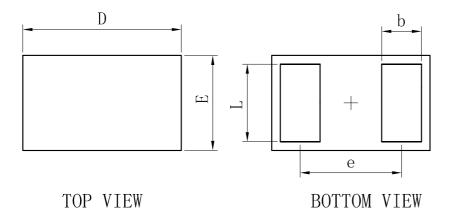


Fig1. Pulse Waveform

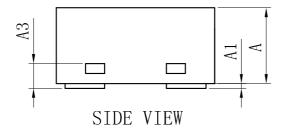




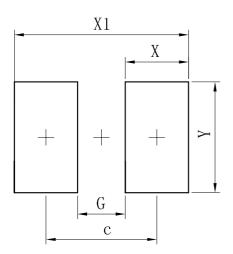
Outline And Dimensions



DFN1006-2L					
Dim	Min	Тур	Max		
D	0.95	1.00	1.05		
Е	0.55	0.60	0.65		
е	-	0.64	-		
L	0.44	0.49	0.54		
b	0.20	0.25	0.30		
А	0.43	0.48	0.53		
A1	0 – 0.05				
A3	3 0. 127REF.				
All Dimensions in mm					



Soledering Footprint



Dimensions	(mm)
С	0.70
G	0.30
Х	0.40
X1	1.10
Y	0.70



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