

5 é / Descriptions

*, 4 .> // x + 9 * ' 8 â 'ož

DFN0603 Plastic Package ESD Protection Diode.

□^a / Features

Ý 4 / x k 3 o € • ž • 4 9 T Y k ...² ^ ' ñ 1 < Y k ... ` / +) ' + 9 * ' ¼) k — í D } ož

Ultra small package, Response Time is Typically < 1 ns, ESD > 30 kV per Human Body Model, IEC61000] 4] 2 Level 4 ESD Protection, HF Product.

Model, IEC61000] 4] 2 Level 4 ESD Protection, HF Product.

Đ ÷ / Applications

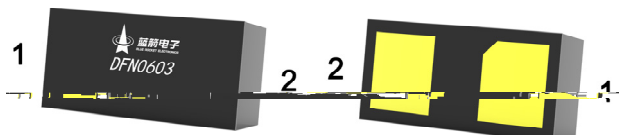
9 ô Ñ ° È o • 3 6 n y ~ o • f A , Ñ o • Ž ` " — Ō o • g € ^ ï € ož

Suitable for cellular phones audio, MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

Ã W] Ō • / Equivalent Circuit



• Ū - æ / Pinning

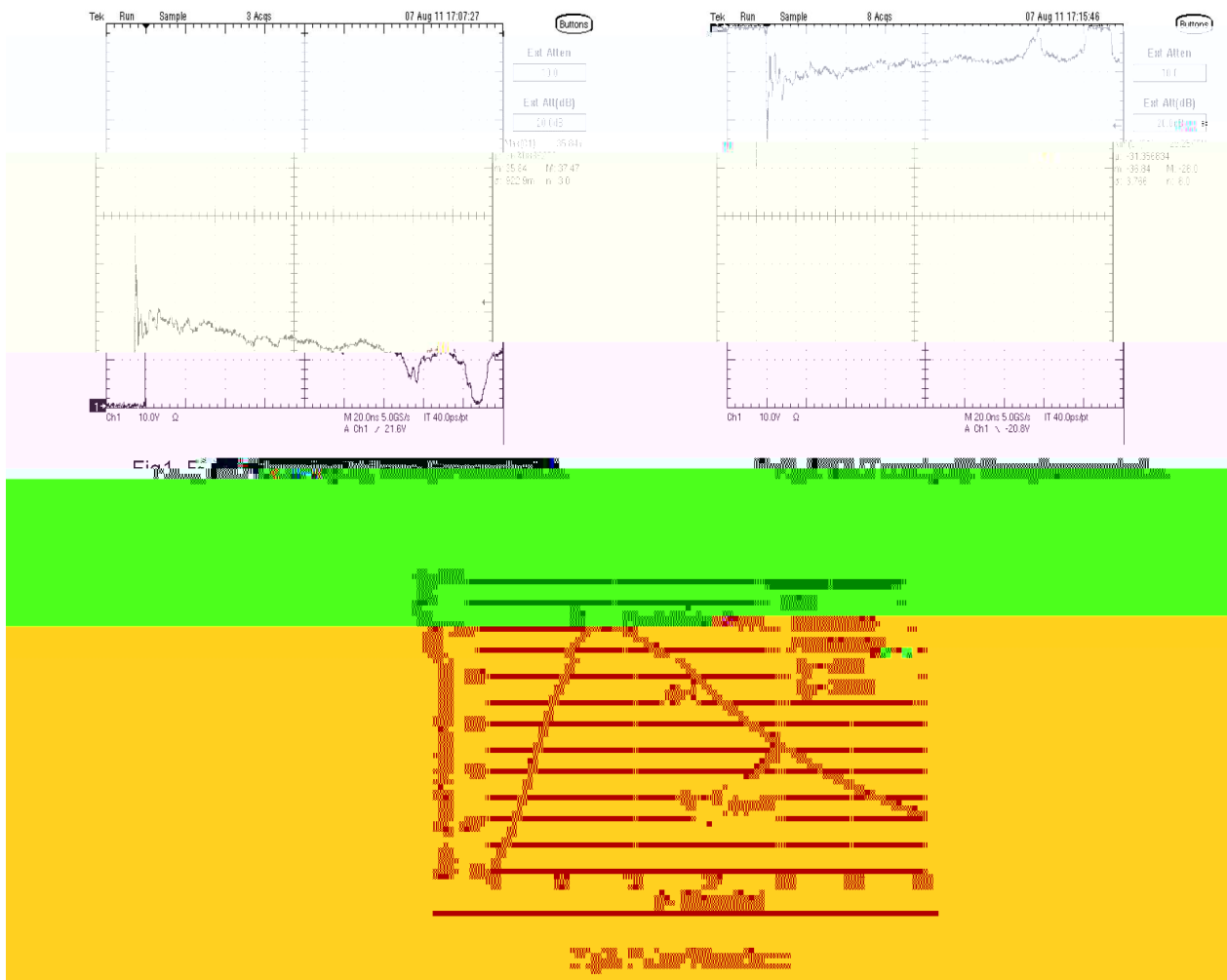


, M V / Marking

• - ~^a € ož See Marking Instructions.

@ f Parameter	... Z Symbol	$f >$ Rating	% y Unit
Peak pulse power ($t_p = 8/20 \text{ s}$)	P_K	69	W
Peak pulse current ($t_p = 8/20 \text{ s}$)	I_{PP}	5.5	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	150	

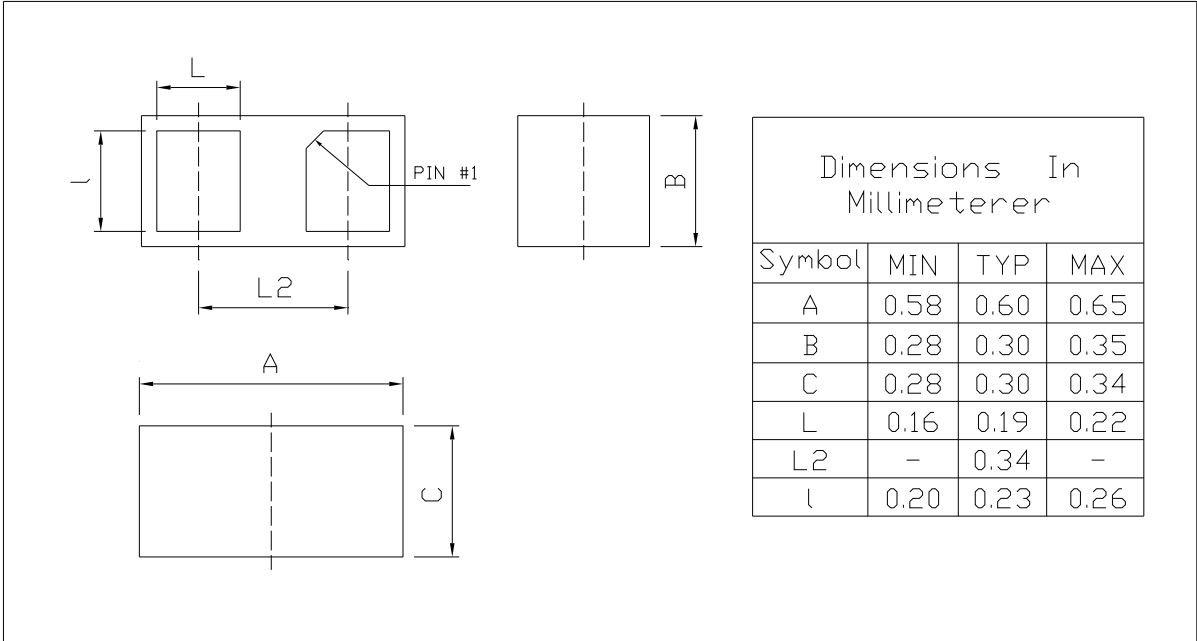
Ô ? d • Ž ¢ / Electrical Characteristic Curve



Ø □ =) ☎ / Package Dimensions

DFN0603

Unit:mm



Rev.02 202102

, M y f / Marking Instructions

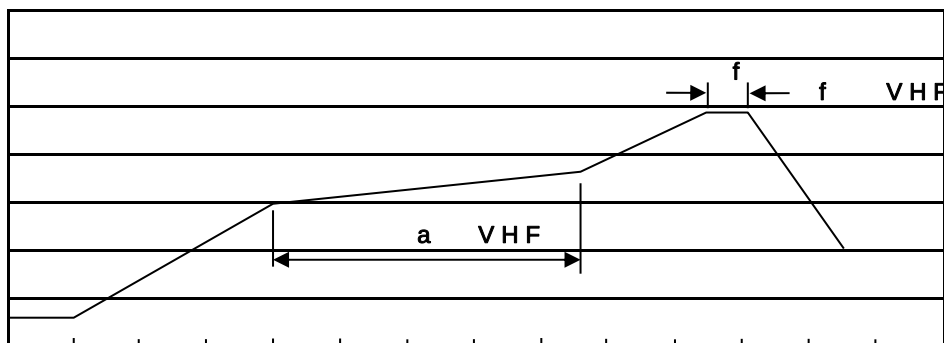


^a ¢ y	
- y	° Z W A
y	ÿ D Z W A k š Ÿ D Z J
Note y	
G y	Product Type
* y	Lot No. Code,code change with Lot No



ŠWD t... • Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

7HPSHUDWXUH



7LPH VHF

a č y

10• Ä ½ “† 150 ½180 - k ž • 60 ½90sec;

20• Q > “† 245 r5 - k ž • 4 Ò 5 r0.5sec;

30•D N ò i Ò 0 ,† 2 ½10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Că p ¯ »] / Resistance to Soldering Heat Test Conditions

“† y 260 r5 -

ž • y 10 r1 sec.

Temp.:260±5

Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type 7>û ~ E	Units ;>û H					Dimension ;>û p . (unit Åmm³)		
	Units/Reel /-	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box	Outer Boxç
DFN0603-2L	15,000	10	150,000	4	600,000	7 s ×8	210×205×205	445×230×435

„ Ð y f / Notices