

5 é / Descriptions

*,4 .> // x + 9 * ' 8 â 'ož
DFN0603 Plastic Package ESD Protection Diode.

α a / Features

Ý 4 / x k 3 o € • ž • 4 9 T Y k ... 2 ^ ' ñ 1 < Y k ... ` / +) ' + 9 * ' ¾) 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.

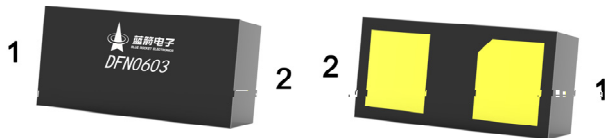
Đ ÷ / Applications

9 ô Ñ ° È o • 3 6 n y ~ o • f A , Ñ o • Ž ` ” — Ö o • g φ ^ i € ož
Suitable for cellular phones audio, MP3 players, Digital cameras, Portable devices, mobile telephone and other users.

Ã W] Ô • / Equivalent Circuit



• Ū - æ / Pinning

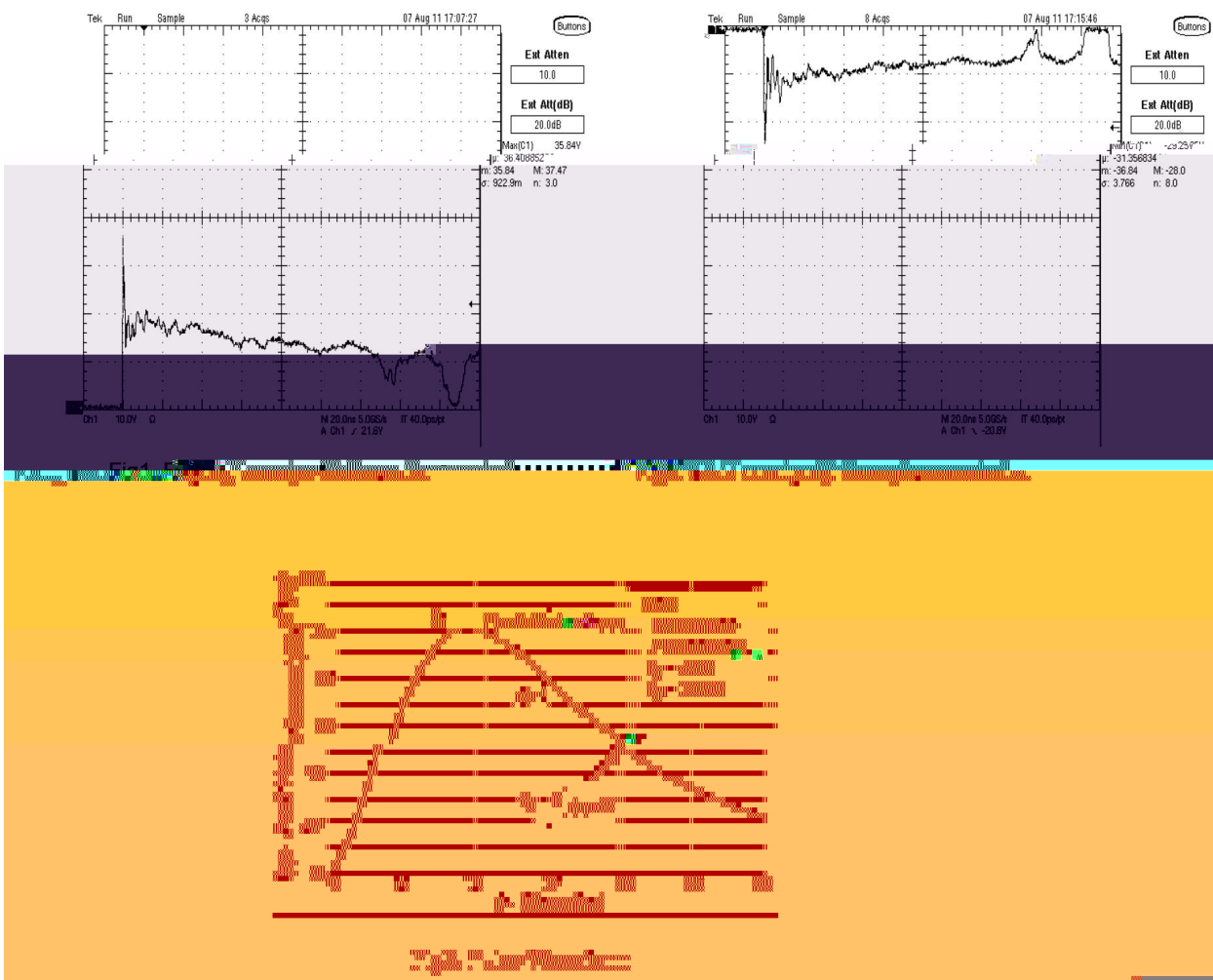


, M V / Marking

• - ~ a φ ož See Marking Instructions.

@ f Parameter	... Z Symbol	f › Rating	% y Unit
Peak pulse power ($t_p = 8/20$ s)	P_K	69	W
Peak pulse current ($t_p = 8/20$ 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	

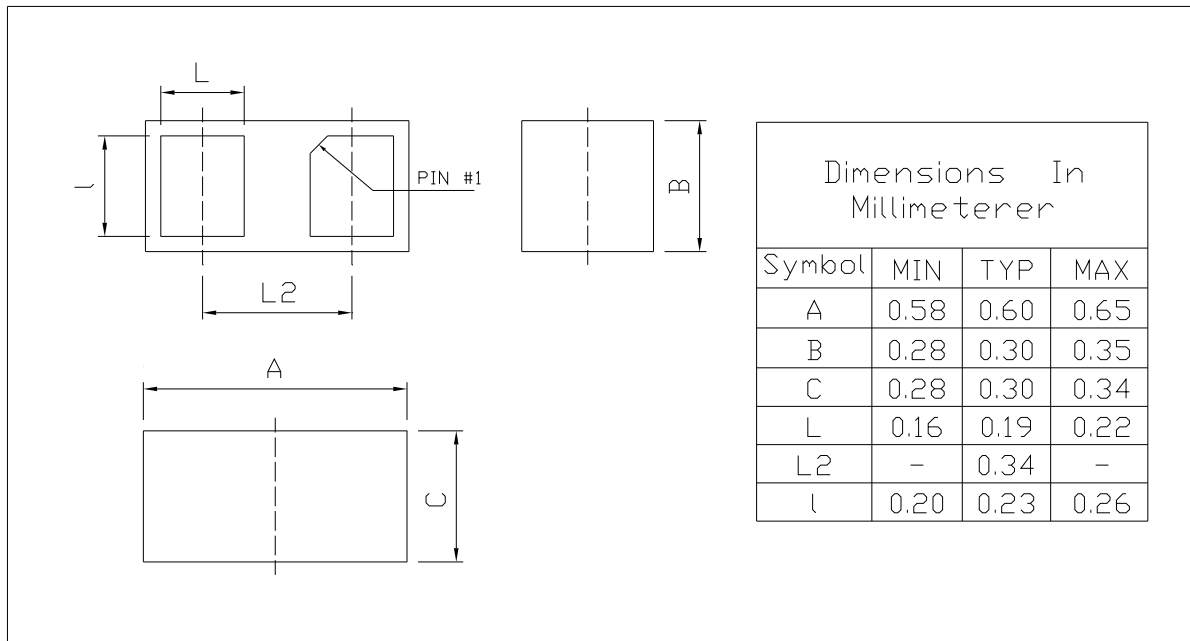
Ô ? d • Ž ç / Electrical Characteristic Curve



Ø □ =) φ / Package Dimensions

DFN0603

Unit:mm



Rev.02 202102

, M y f / Marking Instructions



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- y

y

Note y

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* y

° Z W A

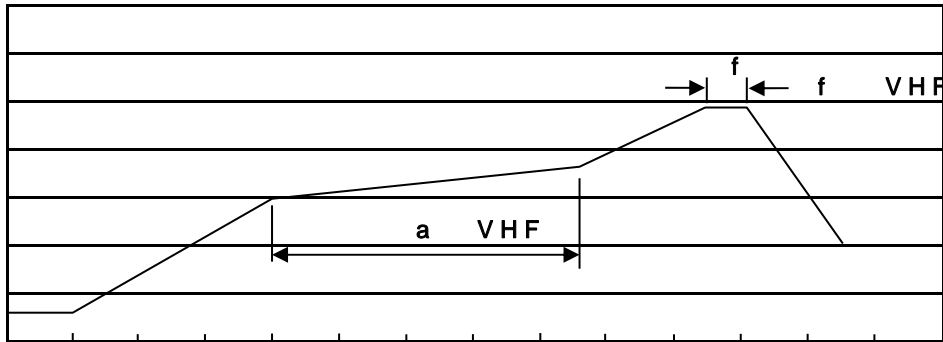
ÿ D Z W A k š ÿ D Z J

Product Type

Lot No. Code,code change with Lot No

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

7HP SHUDW XUH



7LPH VHF

^açy

1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;

2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;

3o•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 /Cã 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 x8	210x205x205	445x230x435

„ Æ y f / Notices