

## / Descriptions

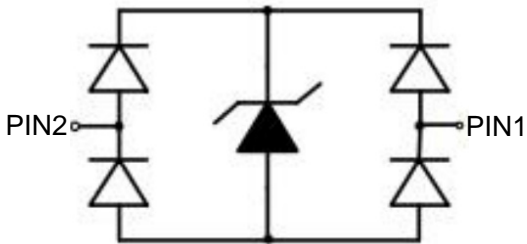
DFN0603 Plastic Package 1-Line,Bi-directional , ESD Protection Diode.

## / Features

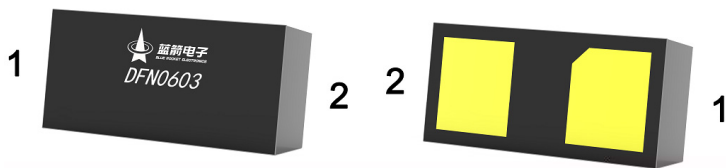
## / Applications

Suitable for cellular phones audio,MP3 players, Digital cameras, Portable devices, mobile telephone and other users, Meet the stringent requirements of automotive applications.

## / Equivalent Circuit



## / Pinning



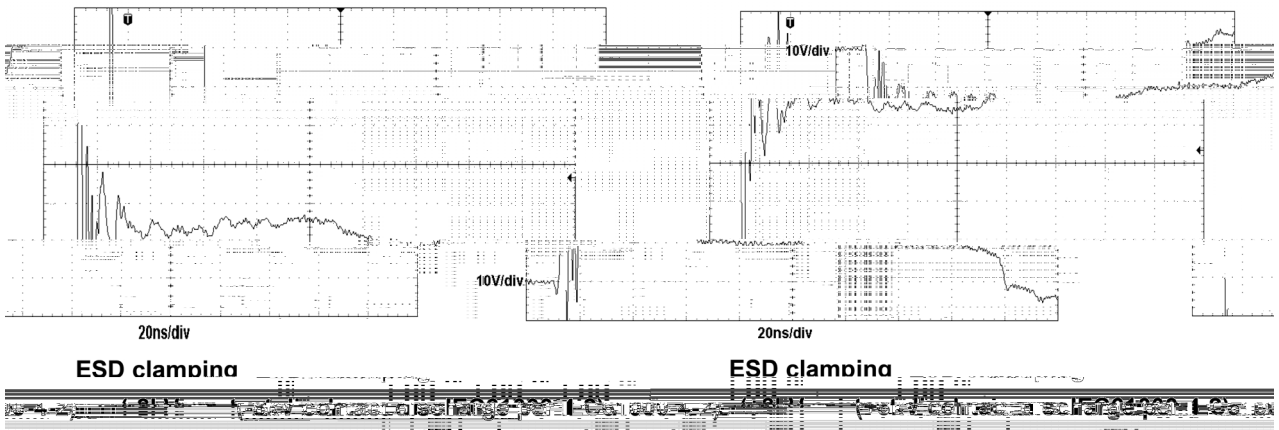
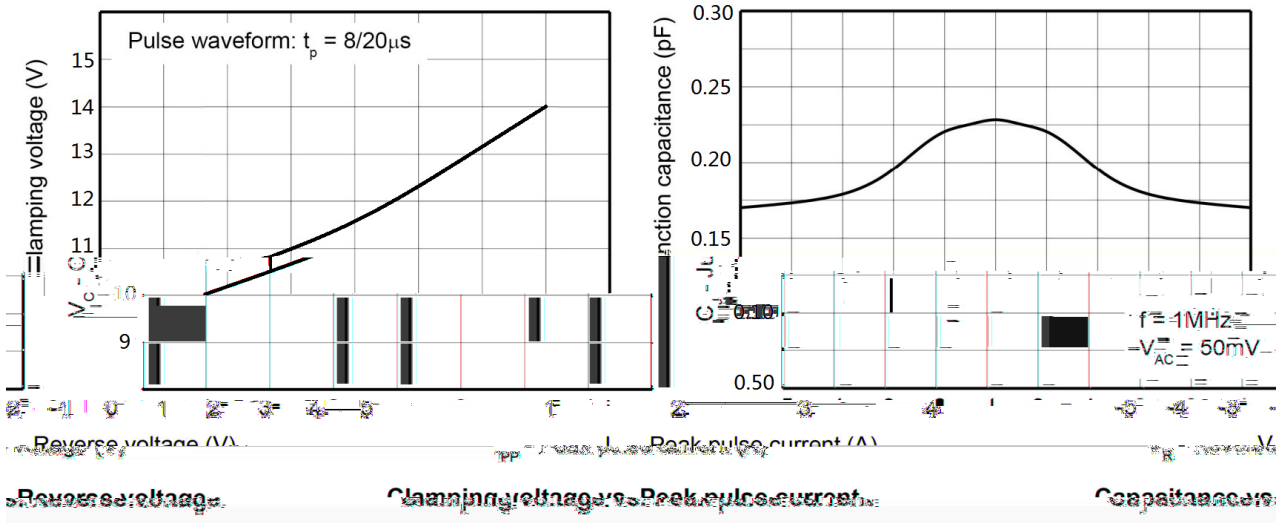
## / Marking

See Marking Instructions.

**BRES5V0X1C2ZAQ**  
Rev.A Jan.-2023

Parameter

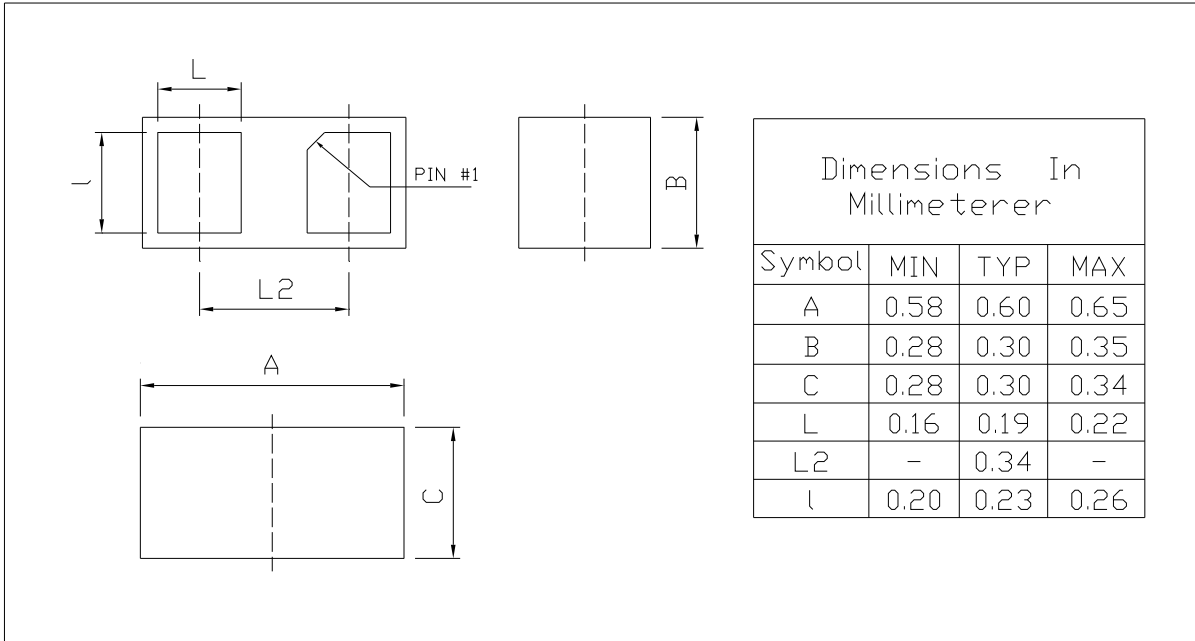
/ Electrical Characteristic Curve(Ta=25 )



**/ Package Dimensions**

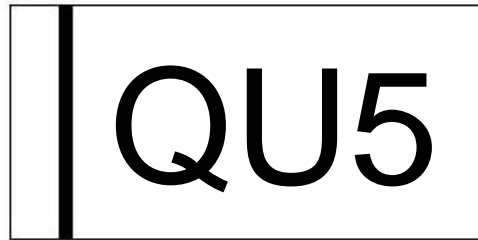
DFN0603

Unit:mm



Rev.02 202102

/ Marking Instructions

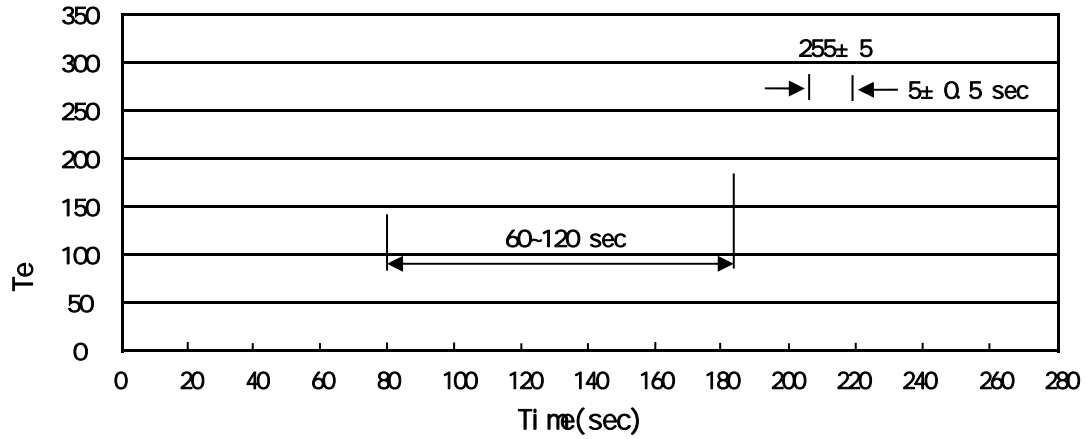


Q

Note

Q: Automobile halogen-free product Code  
U5 Product Type

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1            150 200            60 120sec;    1.Preheating:150~200 , Time:60~120sec.
- 2            255 5                    5 0.5sec;    2.Peak Temp.:255 5 , Duration:5 0.5sec.
- 3                            2 10 /sec.            3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260 5                    10 1 sec.                    Temp.:260±5                    Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
DFN0603	15,000	10	150,000	4	600,000	7" x8	210x205x205	445x230x435

/ Notices