

/ Descriptions

DFN0603 ESD

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

/ Features

1ns

20KV

IEC61000-4-2

4

ESD

AEC-Q101

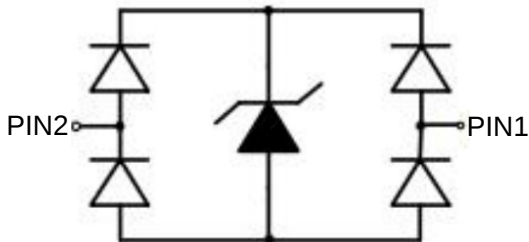
Ultra small package, Response Time is Typically < 1 ns, ESD > 20 kV per Human Body Model,IEC61000-4-2 Level 4 ESD Protection, Qualified to AEC-Q101 Standards for High Reliability, HF Product.

/ Applications

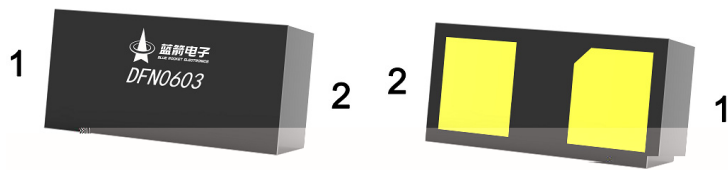
MP3

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



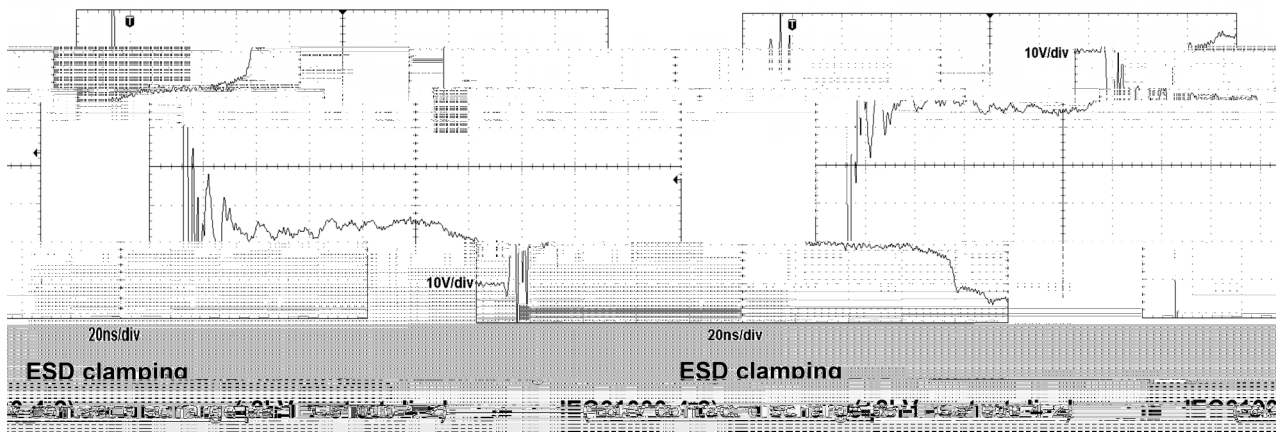
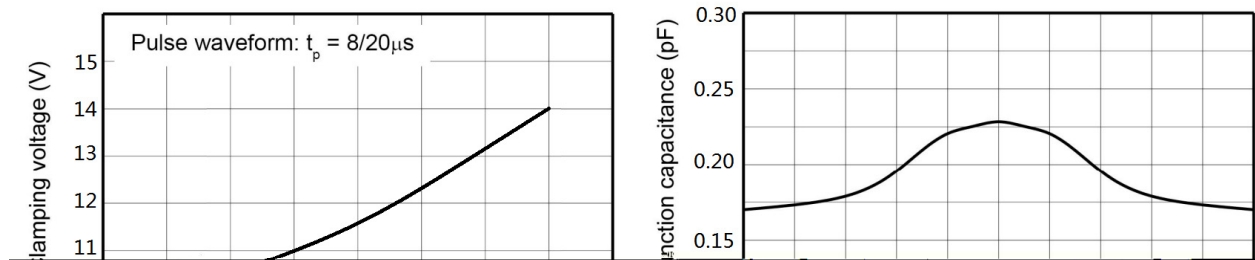
/ Marking

See Marking Instructions.

Parameter



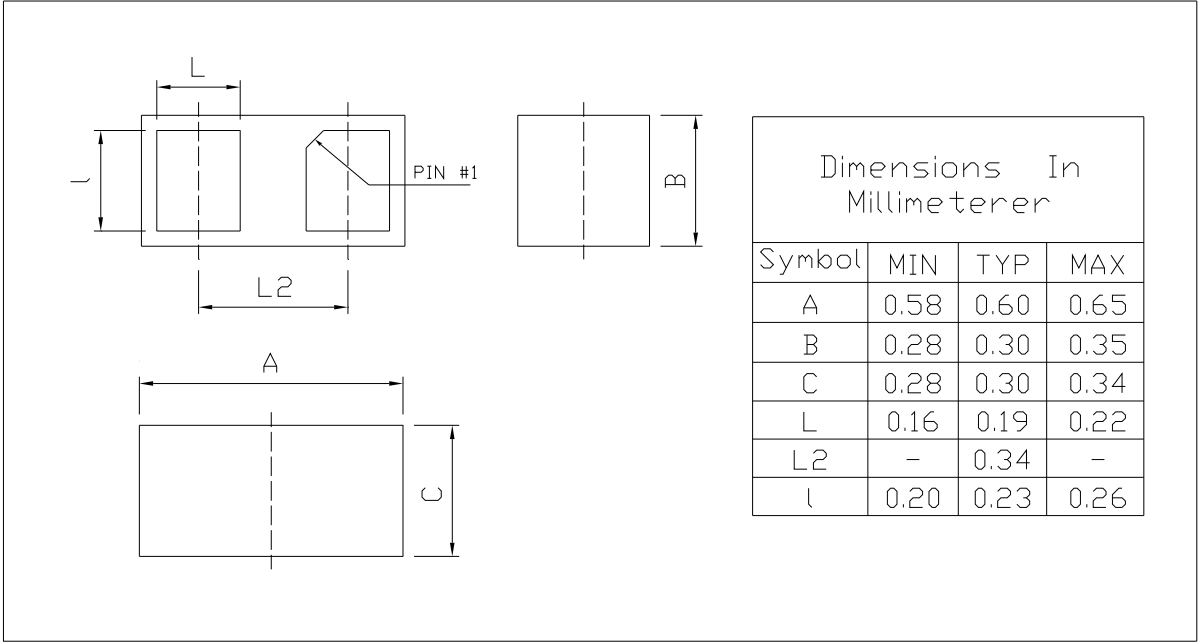
/ Electrical Characteristic Curve(Ta=25)



/ Package Dimensions

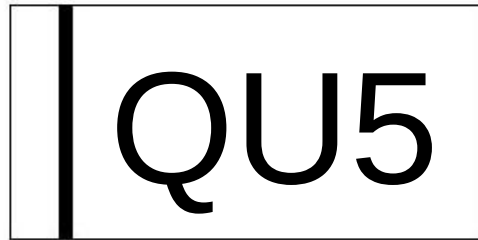
DFN0603

Unit:mm



Rev.02 202102

/ Marking Instructions



Q
U5

Note

Q: Automobile halogen-free product Code
U5 Product Type

BRES5V0X1C2ZAQ
Rev.A Jan.-2023