	! " #	$! % & '	! ( ) % * +	, -	. /
A	2022-6-13		0 1 , -	2 3 4	

BRESD5V0X4C6MF

Rev.A Jun.-2022

DATA SHEET

/ Descriptions

SOT23-6 5 6 6 7 8 9 + TVS : ; < =

Low Capacitance TVS Array in a SOT23-6 Plastic Package.

/ Features

4 > ESD ? @ A B C 8 9 + % D E F G C I/O H I J K % 9 + L M N 0.35pF C 8 O P 9 Q C 8 R S 9 Q C T U D E V W X Y Z = [\ ] ^ =

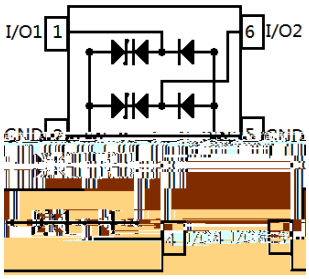
4 ESD protection structures, low capacitance for high-speed interfaces, Capacitance I / O channel is not more than 0.35pF,Low clamping voltage, Low operating voltage, suitable for high speed data transmission lines. HF Product.

/ Applications

_ N D E V W Z ESD ? @ ` a USB 2.0 b c d e b f g h i = j IEC 61000-4-2(ESD) k l mn 30kV (o p q 9), ±20kV (F r q 9) =

ESD protection for high-speed data lines, such as USB 2.0, set-top boxes, monitors and so on. According to IEC 61000-4-2 (ESD) Standard: ± 30kV (air discharge), ± 20kV (contact discharge).

/ Equivalent Circuit



/ Pinning



/ Marking

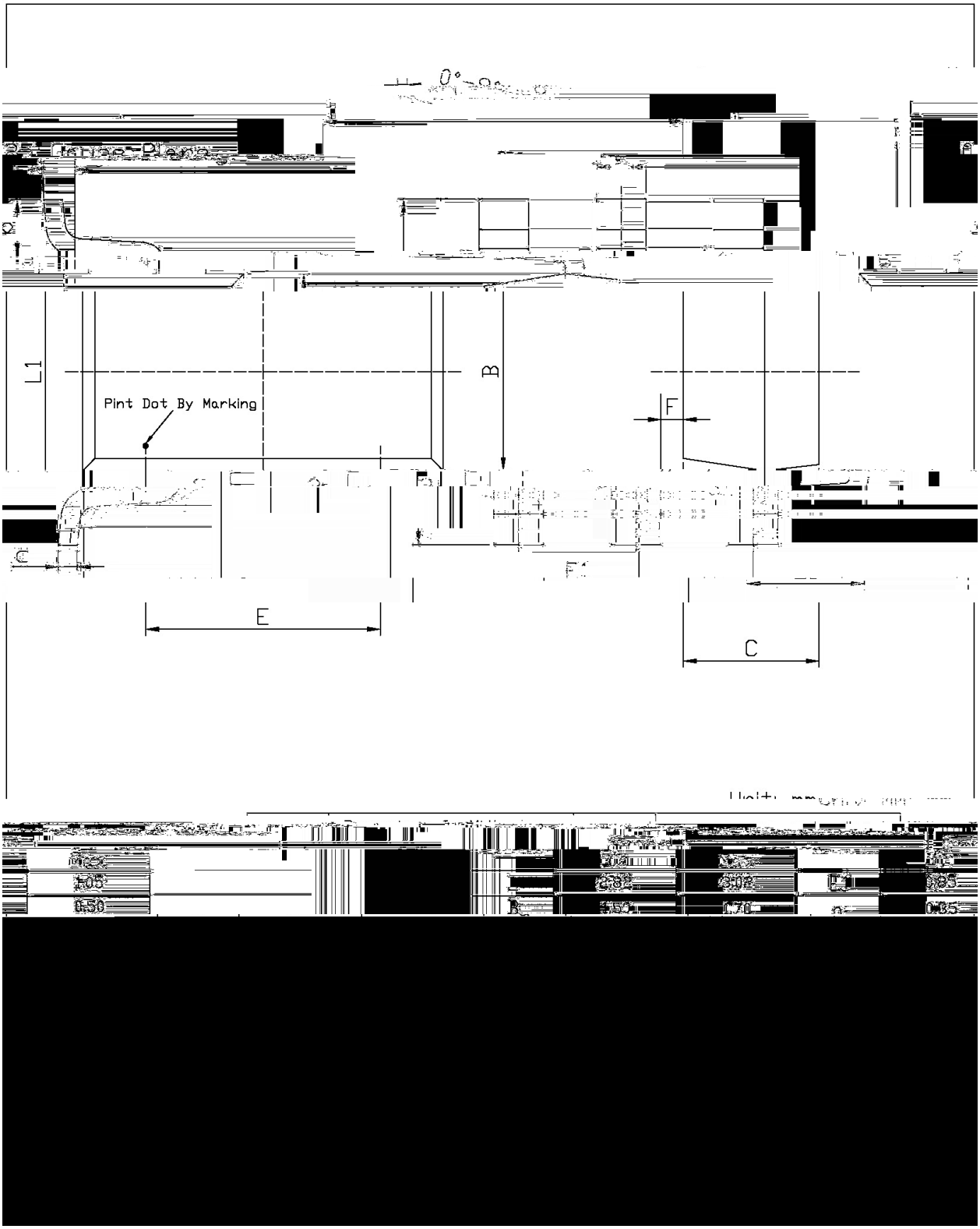
s t u v w = See Marking Instructions.

x V Parameter	y z Symbol	V { Rating	| P Unit
Peak Pulse Power (tp = 8/20μs)	P_{PP}	56	W
Peak Pulse Current (tp = 8/20μs)	I_{PP}	4.0	A

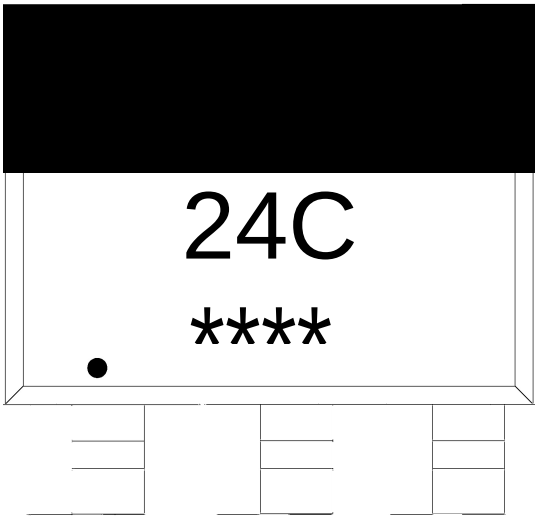
gNضذ ESD per IEC 61000-4-u £ ¸

4 ض 0† gNضذ

/ Package Dimensions



/ Marking Instructions



说明：

24C： 为型号代码

****： 为生产批号代码，随生产批号变化

Note:

24C: Product Type Code

****: Lot No. Code, code change with Lot No