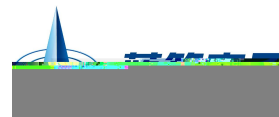


BRES5V0X4C6MF

Rev.A Jun.-2022



DATA SHEET

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/ Descriptions

SOT23-6) * * + , - Ž TVS. / O 1

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

/ Features

4 2 ESD 3 4 5 6 7 , - Ž I 8 9 : ; 7 I/O < = > ? I - Ž @ A B 0.35pF7 , C D - E 7 , F G - E 7 H I 8 9 J K L M N 1 O P Q R 1

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.

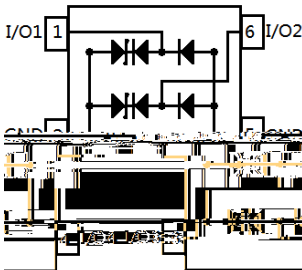
/ Applications

S B 8 9 J K N ESD 3 4 T U USB 2.0V WX Y V Z [\] 1 ^ IEC 61000-4-2(ESD)_ ` a b 30kV (c d e -), ±20kV (: f e -)1

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

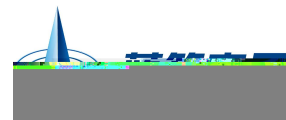


/ Marking

g h i j k 1 See Marking Instructions.

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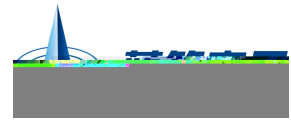
Rev.A Jun.-2022



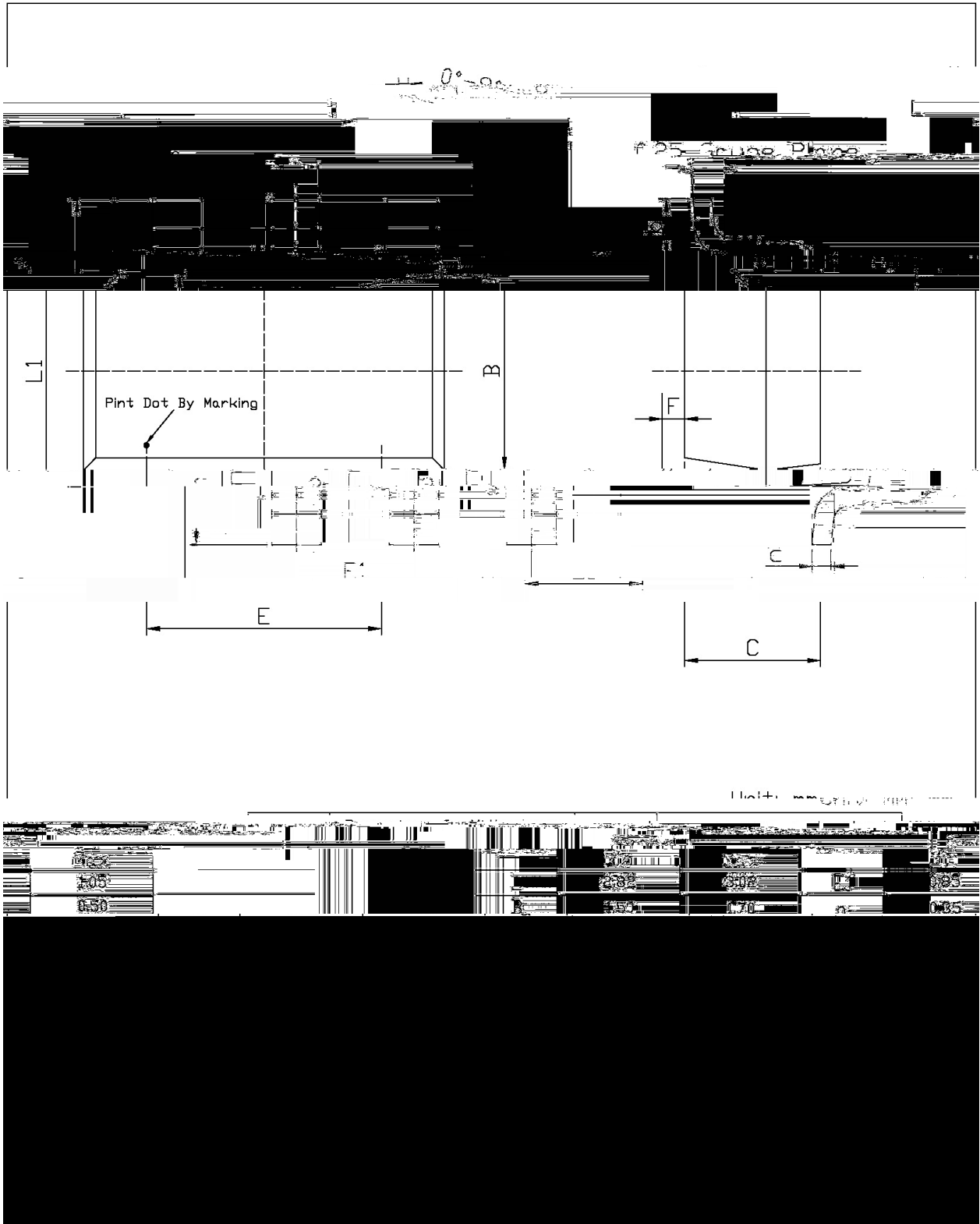
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Parameter	Symbol	Rating	Unit
Peak Pulse Power (tp = 8/20μs)	P _{PP}	56	W
Peak Pulse Current (tp = 8/20μs)	I _{PP}	4.0	A

ESD per IEC 61000-4-

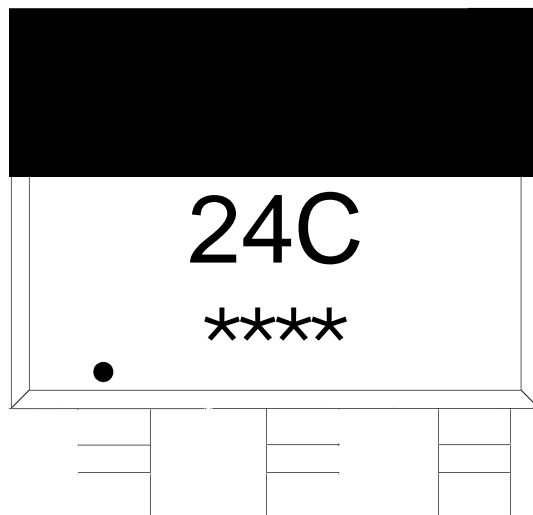


/ Package Dimensions





/ Marking Instructions



说明：

24C： 为型号代码

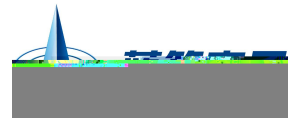
****： 为生产批号代码，随生产批号变化

Note:

24C: Product Type Code

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

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Rev.A Jun.-2022



DATA SHEET