

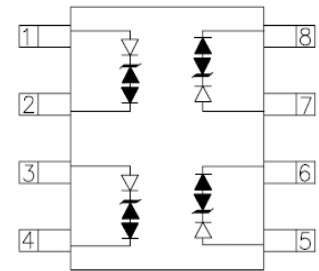
TVS Product Specification

BV_SLVU2.8-4 Transient Voltage Suppressor



1、FEATURES

- IEC 61000-4-2 (ESD)±15KV(air),±8KV(contact)
- 400 Watts peak pulse power per Line(tp=8/20μS)
- Protects two line pairs(four lines)
- Low clamping voltage



S0-8

2、PART NUMBER AND ELECTRICAL PARAMETER @ T=25°C RH = 45%-75%

Part Number	Marking	VDRM	IDRM	VBR	IR	Vc	Ipp	Vc	Ipp	Co
		V	μA	V	mA	V	A	V	A	pF
			MAX	MIN		MAX		MAX		MAX
BV_SLVU2.8-4	SLVU2.8-4	2.8	1	3	1	8.5	5	15	24	3

- ①、 Off-state capacitance is measured in VDC=0V,VRMS=1V,F=1MHz
- ②、 All measurements are made at an ambient temperature of 25°C
- ③、 Surge Waveform: 8/20μS

3、PART NUMBERING SYSTEM

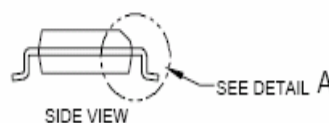
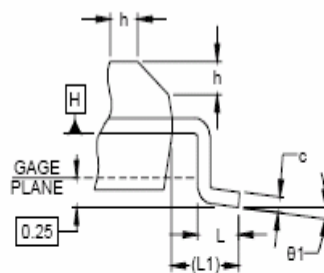
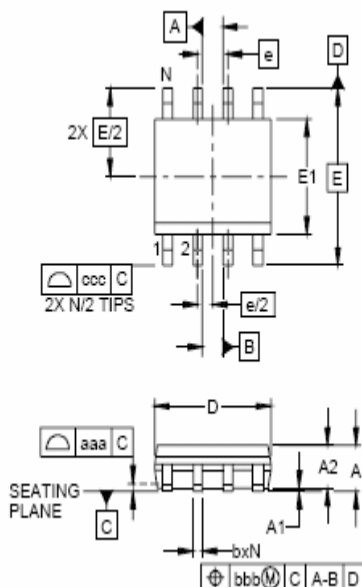
BV SLVU2.8-4

(1) (2)

(1) Bencent Transient Voltage Suppressor

(2) Series: SLVU2.8-4 etc.

4、DIMENSIONS AND MARKING



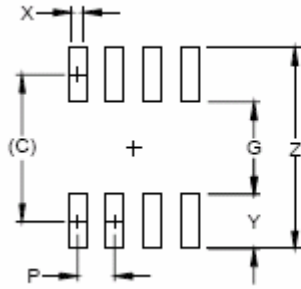
DIM	DIMENSIONS					
	INCHES			MILLIMETERS		
	MIN	NOM	MAX	MIN	NOM	MAX
A	.053	-	.069	1.35	-	1.75
A1	.004	-	.010	0.10	-	0.25
A2	.049	-	.065	1.25	-	1.65
b	.012	-	.020	0.31	-	0.51
c	.007	-	.010	0.17	-	0.25
D	.189	.193	.197	4.80	4.90	5.00
E1	.150	.154	.157	3.80	3.90	4.00
E	236 BSC			6.00 BSC		
e	.050 BSC			1.27 BSC		
h	.010	-	.020	0.25	-	0.50
L	.018	.028	.041	0.40	0.72	1.04
L1	(.041)			(1.04)		
N	8			8		
θ1	0°	-	8°	0°	-	8°
aaa	.004			0.10		
bbb	.010			0.25		
ccc	.008			0.20		

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5、RECOMMENDED SOLDERING PAD AND REFLOW PROFILE



DIMENSIONS		
DIM	INCHES	MILLIMETERS
C	(.205)	(5.20)
G	.118	3.00
P	.050	1.27
X	.024	0.60
Y	.087	2.20
Z	.291	7.40

Remark:

Special Notes

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