



# ESD4V5D3BA

## 1- Line, Bi-directional, Transient Voltage Suppressor

### Features

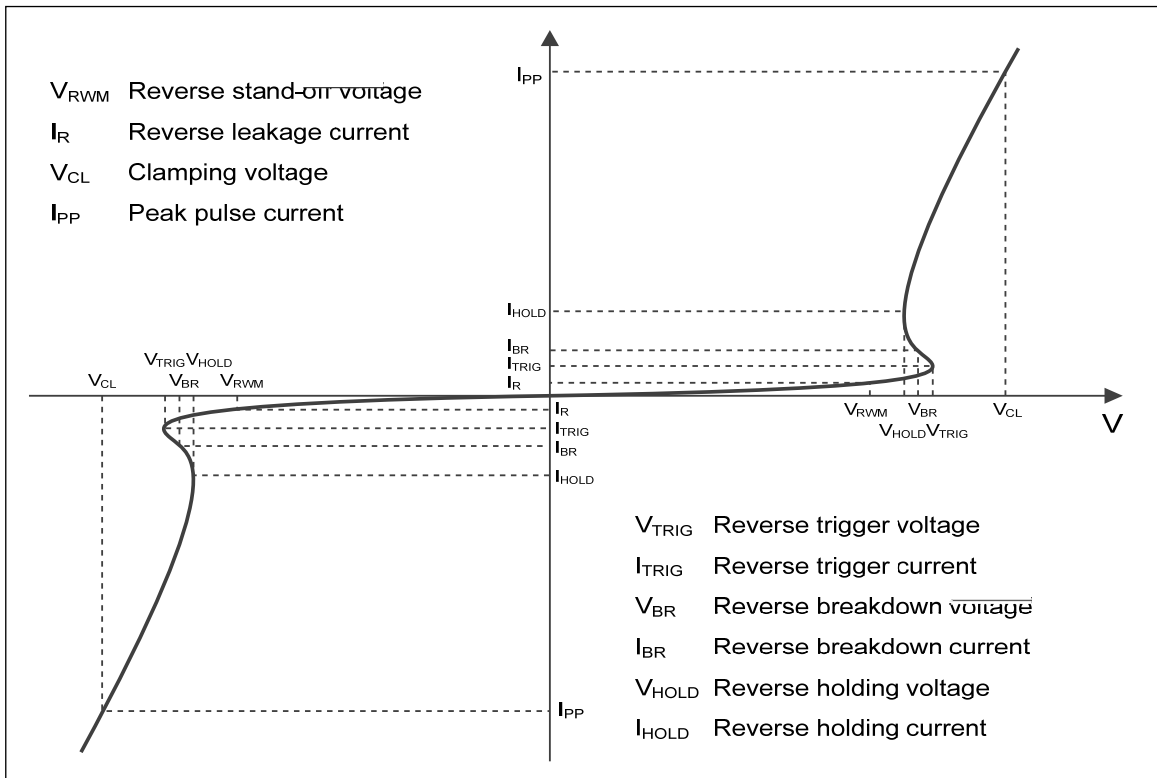
" 6WDQG RII YROWDJH " 9 0D[  
 " 7UDQVLHQW SURWHFWLRQ IRU HDFK OLQ  
 ,(& (6' " N9 FRQWDFW  
 ,(& ()7 \$ QV  
 ,(& VXUJH \$ V  
 " FDSDFLWDQFH &- S) W\ S  
 "/RZ OHDNDJH FXUUHQW  
 "/RZ FODPSLQJ YROWDJH  
 9&/ 9 W\ S # ,33 \$ 7/3  
 " 6ROLG VWDWH VLOLFWRQ WHFKQRORJ\

### Applications

" &HOOXODU KDQGVHVV  
 " 7DEOHVV  
 " /DSWRSV  
 " 2WKHU SRUWDEOH GHYLFHV  
 " 1HWZRUN FRPPXQLFDWLRQ GHYLFHV

### Mechanical Data

" 3DFNDJH 62'  
 " /HDG )LQLVK 0DWWH 7LQ  
 " &DVH 0DWHULD 3\*UHHQ' 0ROGLQJ &R  
 " 0RLVWXUH 6HQVLWLYLW\ /HYHO SHU  
 " 0DUNL „!†,)A'•7€Äx "" !† „ ñ •Dh, „!†,)A'•7€Äx "" !†





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## Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
3 HDN SXOVH <sub>s</sub> SRZHU W	3 <sub>SN</sub>		:
3 HDN SXOVH <sub>s</sub> FXUUHQW W	33		\$
(6' DFFRUGLQJ WR ,(& DLU GLVFKDUJH	9 <sub>(6'</sub>	"	.9
(6' DFFRUGLQJ WR ,(& FRQWDFW GLVFKDUJH		"	
-XQFWLRQ WHPSHUDWXUH	-	7	R&
6WRUDJH WHPSHUDWXUH	67*	7 a	R&

## Electrical Characteristics

PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
5HYHUVH PD[LXP ZRUNLQJ YROWDJH	5 <sub>0</sub>	9	9			"
5HYHUVH OHDNDJH FXUUHQW	5	\$	9.0 9			
5HYHUVH EUHDNGRZQ YROWDJH	9 % 5	7	P\$ 9			,



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3 HDN SXOVH FXUUHQW

## vCharacteristics 7\SLFDO

Fig.1 8/20μs waveform per IEC61000-4-5

