



2-Line, Asymmetrical, Transient Voltage Suppressor

Features

- " 6WDQG RII YROWDJH 9 RU 9
- " 7UDQVLHQW SURWHFWLRQ IRU HDFK O
- ,(& (6' " N9 FRQWDFW
- ,(& VXUJH \$ RU \$ V
- " /RZ OHDNDJH FXUUHQW
- " 8OWUD ORZ FODPSLQJ YROWDJH
- " 5R+6 &RPSOLDQW

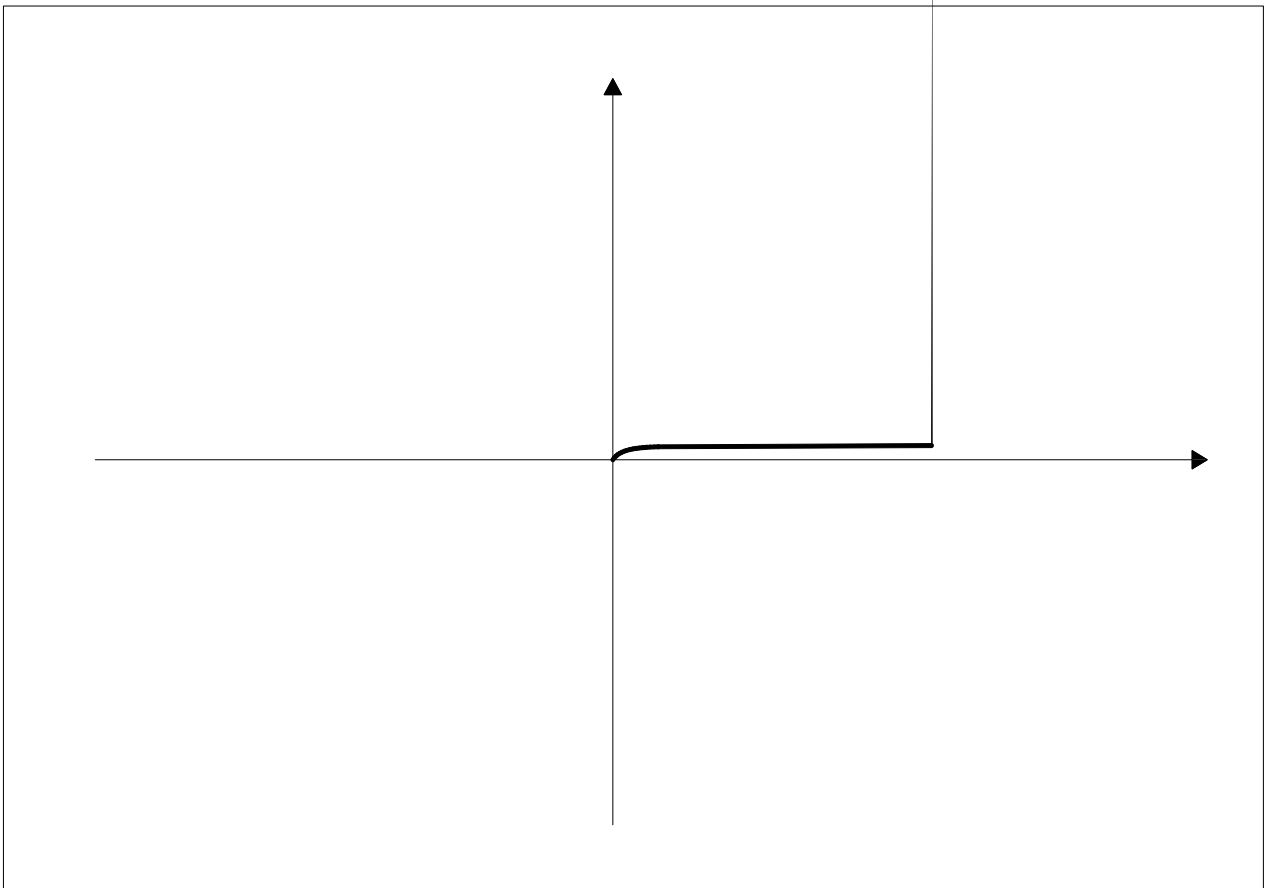
Applications

- " :LUHOHV 6\VWHP
- " 1HWZRUNV
- " 3RUWDEOH ,QVWUXPHQWDWLRQ
- " 56 3RUWV

Mechanical Data

- " 3DFNDJH 627
- " /HDG)LQLVK 0DWWH 7LQ
- " &DVH 0DWHULDO 3*UHHQ' 0ROGLQJ &R
- " 0RLVWXUH 6HQVLWLYLW\ /HYHO SHU
- " 0DUNLQJ VLIROPHH %HORZ

Definitions of electrical characteristics





SM712Y

Maximum Ratings

PARAMETER	SYMBOL	LIMITS	UNIT
3 HDN SXOVH SRZHV W	3 _{SN}		:
3 HDN SXOVH _S FXUUHVQW3LQ WR 3LQ	.33		
3 HDN SXOVH _S FXUUHVQW3LQ WR 3LQ	.33		
(6' DFFRUGLQJ WR ,(& DLU GLVFKDUJH	9(6' GLVFKDUJH	"	.9
(6' DFFRUGLQJ WR ,(& FRQWDFW		"	
-XQFWLRQ WHPSHUDWXUH	-	$\bar{a}$	R&
6WRUDJH WHPSHUDWXUH	67*	7a	R&

Electrical Characteristics

PARAMETER	Symbol	UNIT	Conditions	Min	Typ	Max
5HYHUVH PDZRLDNEQJ YROWDJH 9 9			3LQ WR 3LQ			
			3LQ WR 3LQ			
5HYHUVH OHDNDJH FXUUHVQW \$		\$	3LQ WR 3LQ			
			3LQ WR 3LQ			
5HYHUVH EUHDNGRZQ YROWDJH			3LQ WR 3LQ P\$,			
			3LQ WR 3LQ P\$,			
&ODPSLQJ YROWDJH &/			3LQ WR 3LQ			
			3LQ WR 3LQ			
			3LQ WR 3LQ			
			3LQ WR 3LQ			
			3LQ WR 3LQ			
-XQFWLRQ FDSDFLWDQFH			3LQ WR 3LQ			
			3LQ WR 3LQ			
			3LQ WR 3LQ			
			3LQ WR 3LQ			
			3LQ WR 3LQ			

1RWHV
1RQ UHSHWLWLYH HDEFXUHQFQJSWR ,(&

Ordering Information ([DPSOH

PREFERRED P/N	PACKING
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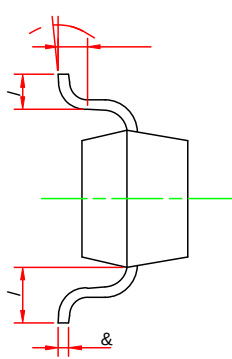
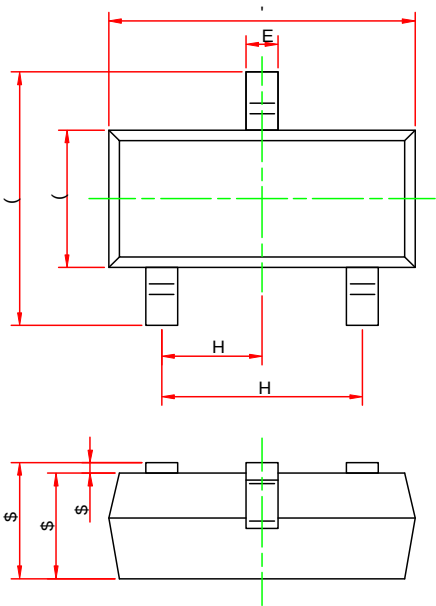


vCharacteristics 7\SLFDO



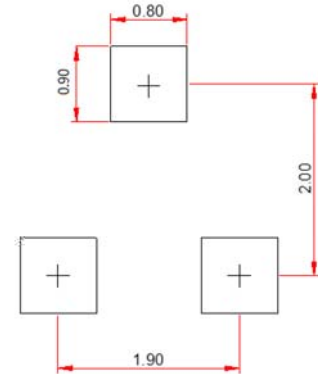


Outline Dimensions



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Soldering Footprint



hv]šWuu



SM712Y

Disclaimer

7KH LQIRUPDWLRQ SURGXFWHG LV IRU INFORMATIONAL PURPOSES ONLY (OHFWURQLF 7HHQRO
ULJKW WR PDNH FKDLQJ VRZLWKRXWSKRLSLURGXFWV RGLWSOD\HG KHUHLQ WRGLHPSLURY
RU RWKHUZZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLDFWGRFEHTXVLSHZZWKRURGLYLQFHVWIDQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTGLWKHKPDQOXQYHOGREURHOLMNLGRVDDQFHU
PHGLFDO LQVWUXPHQWV WLSRQHQRUWHWURVSDXFOHDEKULQDFWHUOFRQQWURERODHU
GDELO KpPQDU @ KPV pH
V UH DW