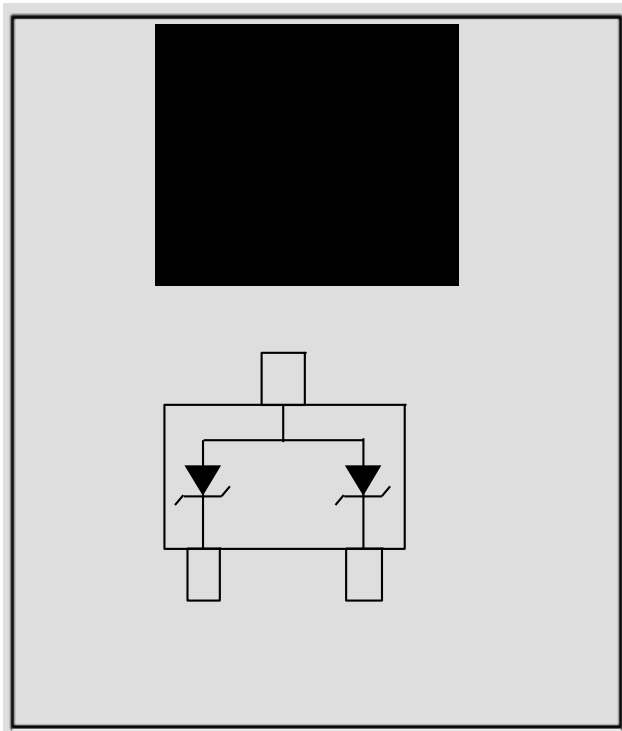


2- Line, Uni-directional, ESD protection diode



Features

- " 7UDQVLHQW SURWHFWLRQ IRU HDFK OL
- ,"(& (6'Fïls }vš ŠU Fïls]Œ
- ,"(& ~Š%Aôlî... ••
- " /RZ OHDNDJH FXUUHQW
- " 8OWUD ORZ FODPSLQJ YROWDJH
- " 5R+6 &RPSOLDQW
- " 3DUW QR Z4WRKHVQIVL\$(3& 4 TXDOLILH

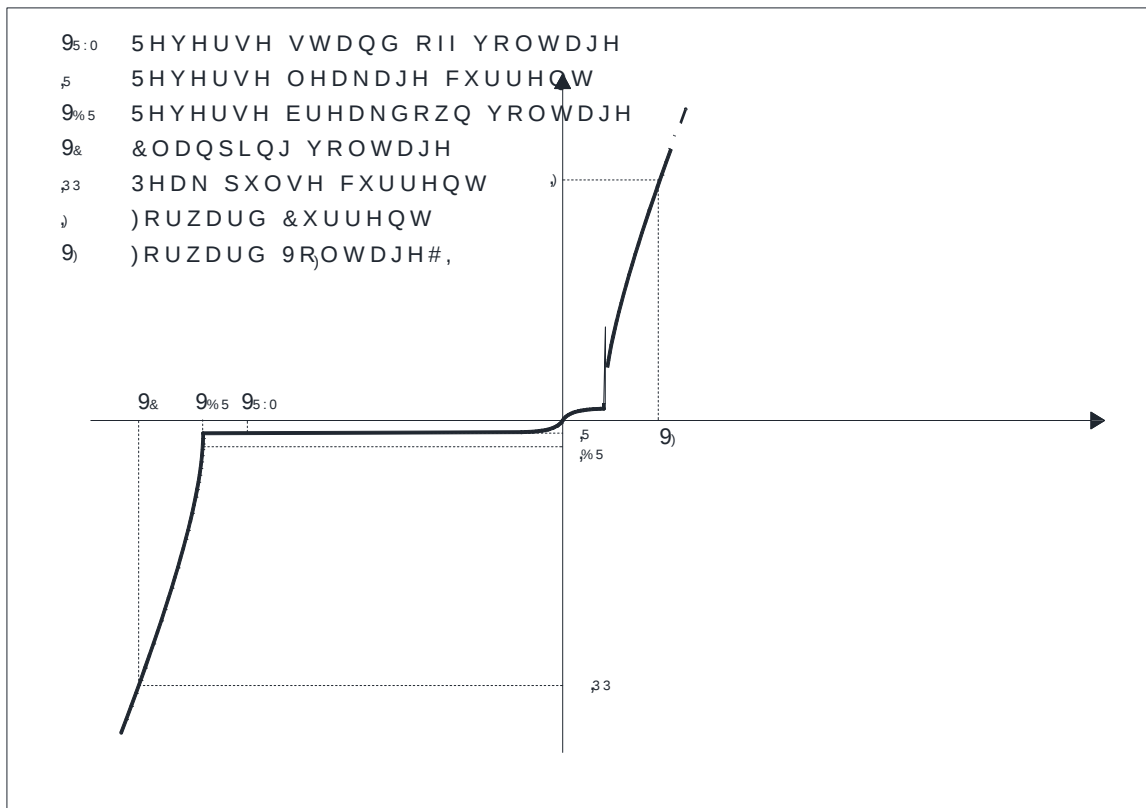
Applications

- "9HKLFOH GRPDLQ FRQWUROOHU 9&8 H
- SURWHFWLRQ
- "(OHFWURVWDWRU SURWHFWLRQ HOHFWR
- PXOWLPGLD LQWHUIDFH
- "&\$1 %XV SURWHFWLRQ
- "\$XWRPRWLYH DSSOLFDWLRQV

Mechanical Data

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

Definitions of electrical characteristics





ESD1502ESQ

Maximum Ratings

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

TOP VIEW

SIDE VIEW

SUGGESTED SOLDER PAD LAYOUT

SYMBOL	DIMENSIONS			
	INCHES		Millimeter	
	MIN.	MAX.	MIN.	MAX.
A	0.035	0.045	0.900	1.150
A1	0.000	0.004	0.000	0.100
4P	0.035	0.041	0.900	1.050

UNIT: mm

NO. 025
1. PACKAGE
2. TOLERANCE
3. THE PAD

A line drawing of a rectangular table. The table has a large rectangular top with a beveled edge. It is supported by a central pedestal and four legs. The pedestal and legs are drawn with simple lines, showing a slight taper. The entire drawing is rendered in black outlines on a white background.

1 R W H



ESD1502ESQ

Disclaimer

7KH LQIRUPDWLRQ SGRVHQMHG LQ IRWLVHDIHQJHQRK<DQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDLQHVRZLWKRXWSKRLSURGXFWV RGLWSOD\HG KHUHLQ WRGLHPSLURY
RU RWKHUZZLVH

7KH SURGXFWQLVGHV\KJQH WR EH MHGHZEDHQRWVWVYJQH IRU XVH LQ PHG
VDYLQJ OLIHVXVWBDOJQLHRUPDOVQH DQVXVHEQR UOLSEQOLEWLRW\DQWGQPDUR
P VXFK LPSURSHU XVH RI VDOH

7KLV SXEOLFDWLRQ SXSDSHUW DGDVLQURUPDWSLSQLSGHYLRXDGGLWLRQDO LQWRHUPDWLR
KWWVZ\ \DQJMLHRFRPRQVXOW\RXU QHDUHVW <DQJMLHWDQVFBIOHV RIILFH IRU IXUW