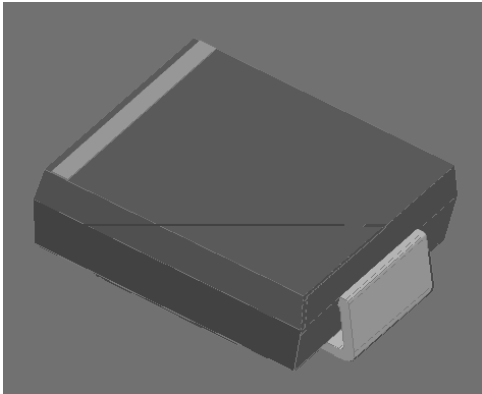




Surface Mount Schottky Rectifier

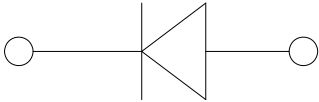


Features

- " *XDUGULQJ IRU RYHUYROWDJH SURWHFWLRO
- " /RZ IRUZDUG YROWDJH GURS /RZ SRZHU ORV
- " +LJK IRUZDUG VXUJH FDSDELOLW\
- " +LJK IUHTXHQF\ RSHUDWLRQ
- " /RZ IRUZDUG YROWDJH GURS /RZ SRZHU ORV
- " 6ROGHU GLS 7A 50J - (6' %

Typical Applications

-)RU XVH LQ ORZ YROWDJH KLJK IUHTXHQF\ L
- IUHHZKHHOLQJ ' & ' &DQJ SROWHULW\ SURWHF
- DSSOLFDWLRQV



C

Mechanical Data

- " Package '2 \$ % 6A &
- 0ROGLQJ FRPSRQG PHHWDPPDELOLW\
- UDWLQJ 5R+6 FRPSOLDQW
- " Terminals 7LQSODWHG OHDGV VROGHUDEOH S
- DQG - (6' %
- Polarity: &RORU EDQG GHQRWH\ WKH FDWKRGH

Maximum Ratings 7 8QOHVV RWKHU\ LVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	SSL34	SSL36	SSL310
'HYLFH PDUNLQJ FRGH			SSL34	SSL36	SSL310
5HSHWLWLH 3HDN 5HYHUVH 9RO\DJH	9	9y p y 0			
YHUDJH 5HFWLILHG 2XWSXW &XUUHQW # +] VLQH ZDYH 5HVLVWDQFH ORD G 7D), *					
)RUZDUG 6XUJH &XUUHQW 1RQ UHSHWLWLH # +] +DOI VLQH ZDYH F\FOH 7D ⁶⁰					
6WRUDJH 7HPSHUDWXUH	7VWJ			a	
-XQFWLRQ 7HPSHUDWXUH	7				

			7D		
1RWH 3XOVH WHVW X6 SXOVH ZLGK GXW\ F\FOH					
1RWH 3XOVH WHVW SXOVH ZLGK P6					

Thermal Characteristics



DO-214AB(SMC)

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Dimensions in millimeters

' 2	\$ %	6 0 &
' L P	0 L Q	0 D
\$		
%		
&		
'		
(		
)		
*		
+		

Diagram illustrating the geometry of the squares and the coordinate system. The left square is centered at (0,0) with side length 4. The right square is centered at (3,3) with side length 4. The horizontal distance between the right sides of the squares is 3. The vertical distance between the top sides of the squares is 3.

Dim	Typ
3	
3	
4	
4	



SSL34 THRU SSL310

Disclaimer

7KH LQIRUPDWLRQ LQ WKH QWHLQV IRU <DQJJKRX <DQJMLH (OHFWURQLF 7HHKQRO
ULJKW WR PDNH FKDQJHV ZLWKRXW QR SURGXFWHG HVSHDFHG KDWLHQ RWRGLPSURY
RU RWKHUZLVH

7KH SURGXFW OLVWHG KHUHLQ LV GHOLDFWGRFEHTXLSEHQW KRURGLYLDFHVV DQG
HTXLSPHQW RU GHYLFHV ZKLFK UHTXLWH EDODXQFHLRQ URH OZLVEK ZRWOGXFKUDFW
PHGLFDO LQVWUXPHQV WUDQVSRUWHWLRQ XFOHLSHFWFVHURFVQWURBOHVV
GHYLFHV <DQJMLH RU DQIRQH RQ LWMOE WKDQ OLDEXPHWQRUHQV DQVREBJHVHUV
RI VDOH

7KLV SXEOLFDWLRQ VXSHUVHGHV UHODVSHV DQG IRURDGHWWRQSDUHQV IRU
KWZZ [\DQJMLH](#) RFRQVXOW IRXU QHDUHVW <DQJMLH VQFH OHV RILFH IRU IXUW