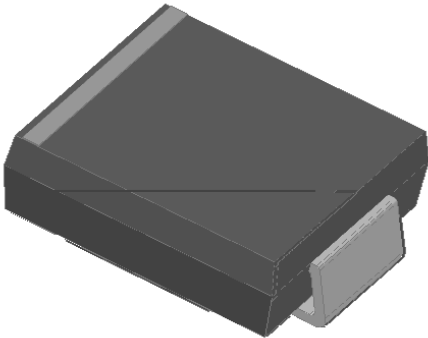


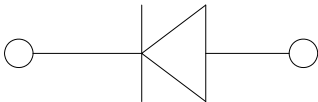


Surface Mount Schottky Rectifier



Features

- " *XDUGULQJ IRU RYHUYROWDJH SURWHFWLRQ
 - " /RZ SRZHU ORVVHV
 - " ([WUHPHO\ IDVW VZLWFKLQJ
 - " +LJK IRUZDUG VXUJH FDSDELOLW\
 - " +LJK IUHTXHQF\ RSHUDWLRQ
 - " 0HHWV 06/ OHYHO SHU - 67' /) PD[LXP
 - RI f&
 - " 3DUW QR ZLWKHDXVLS (3& 4 X*Ep DQG -(6
- Polarity: &RORU EDQG GHQRWHV WK



Maximum Ratings 7D - 8QOHVV RWKHUÄLVH VSHFLILHG

PARAMETER	SYMBOL	UNIT	SS315Q	SS320Q
'HYLFH PDUNLQJ FRGH			66	66
5HSHWLWLYH SHDN UHYHUVH YROWDJH	9 ₅₅₀	9		
0D[LPPX 506 YROWDJH	9 ₅₀₆	9		
0D[LPPX '& EORFNLQJ YROWDJH	9.&	9		
0D[LPPX DYHUDJH IRUZDUG JHEWLILHG FXDUHQW DW 7			\$	
6XUJH QRQ UHSHWLWLYH IRUZDUG FXUUHQW # +] KDOI VLQH ZDYH - F\FOH 7		\$		
9ROWDJH UDWL RI ₅ FKDQJH UDWHG 9	G9 GW	9 V		
6WRUDJH WHPSHUDWXUH	7 _{VWJ}	-	a	
-XQFWLRQ WHPSHUDWXUH DQG VWRUDJH WHPSHUDWXUH			a	

Electrical Characteristics Ä7D - 8QOHVV RWKHUÄLVH VSHFLILHG

PARAMETER	SYMBOL	TEST CONDITIONS	TYP	MAX	UNIT
,QVWDQWDQHRXV IRUZDUG YROWDJH , \$			7. -		9
			9. -		
5HYHUVH FXUUHQW	5	5DWHG 9	7. -		\$
			7. -		
7\SLFDO MXQFWLRQ FDSDFLWDQFH		5 9 I &+]	9		S)



SS315Q THRU SS320Q

Thermal Characteristics

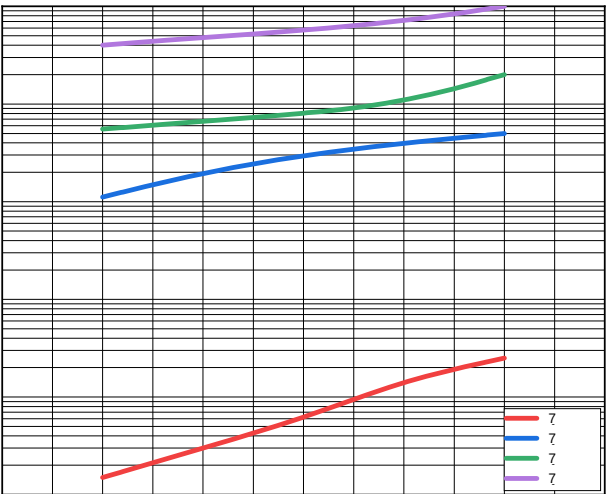
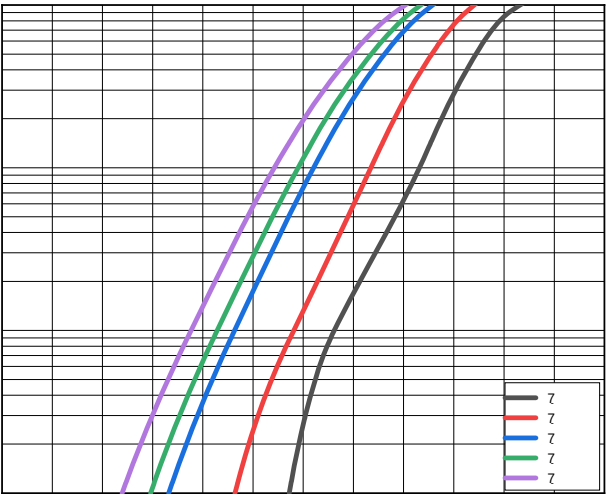
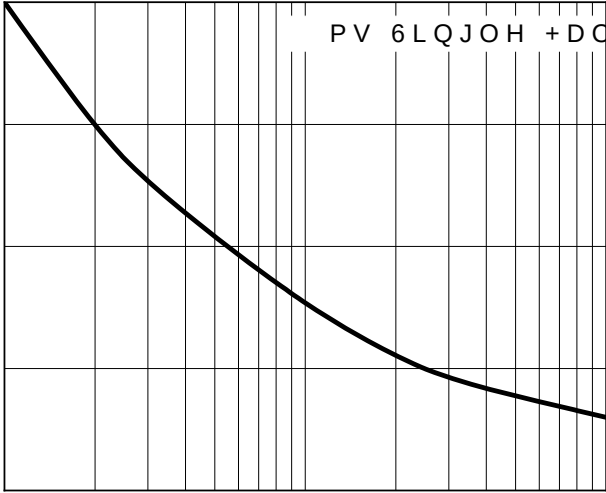
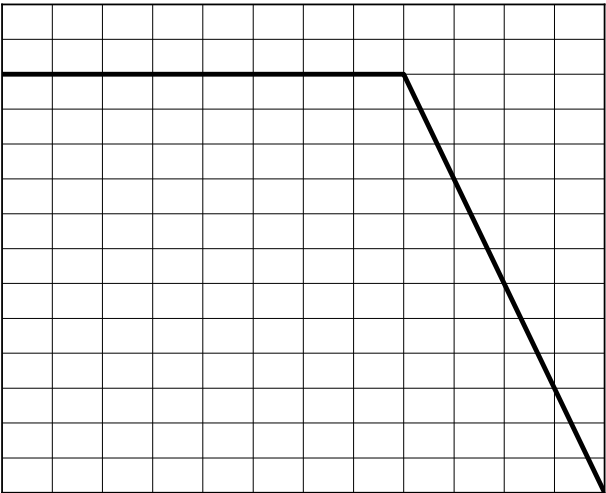
PARAMETER	SYMBOL	UNIT	SS315Q	SS320Q
7KHUPDO 5HVLVWDQFH	5 - s	- :		
	5 - /			

1RWH 7KHUPDO UHVLVWDQFH DUEH HXW FOLQORRG DUEH HXW 3 & % ZLWK [U SDG DUEH PP

Ordering Information

35() (5(' 3 1	3\$&.\$*(&2' (	81,7 : (,*+7 J	0,1,080 3\$&.\$*(SFV	287(5 &\$5721 48\$17,7< SFV	'(/,9(5< 02' (
66 4a66 4	)	\$SSUR[LPDWH			

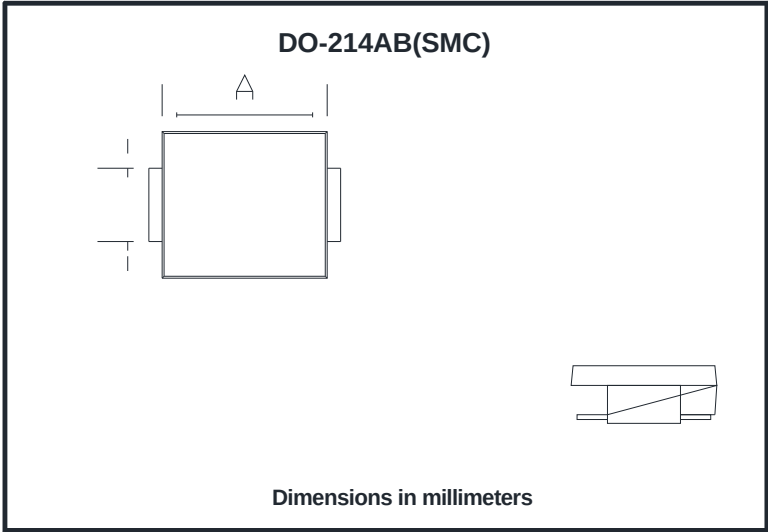
Characteristics





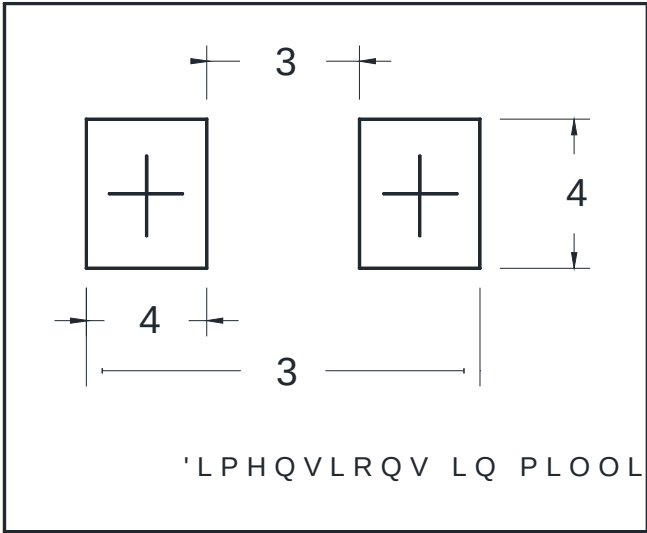
SS315Q THRU SS320Q

vOutline Dimensions



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

■ Suggested pad layout



Dim	Typ
3	
3	
4	
4	



SS315Q THRU SS320Q

Disclaimer

7KH LQIRUPDWLRQ SGRVHQMHG LQ WKLV DIHJPHQW (OHFWURQLF 7HHKRO
ULJKW WR PDNH FKDLQHVRZLWKRXVSRSLUDGXFRV GLWSOD\HG KHUHLQ WRGLHPSURY