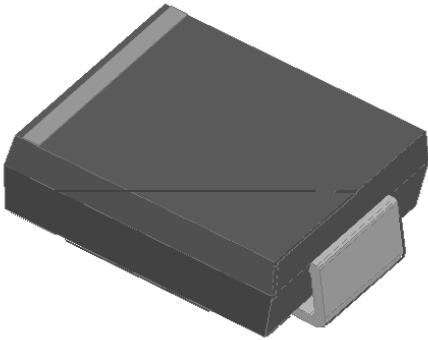


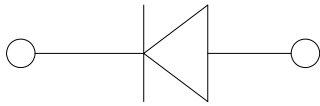


## Surface Mount Schottky Rectifier



### Features

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



### Maximum Ratings

PARAMETER	SYMBOL	UNIT	SS315Q	SS320Q
Reverse Voltage	$V_{R}$	V	66	66
Forward Current (Continuous)	$I_{F(AV)}$	A		
Forward Current (Pulse)	$I_{F(P)}$	A		
Forward Current (Maximum)	$I_{F(M)}$	A		
Power Dissipation (Continuous)	$P_{D(AV)}$	W		
Power Dissipation (Pulse)	$P_{D(P)}$	W		
Storage Temperature	$T_{STG}$	°C		
Operating Temperature	$T_{OP}$	°C		
Maximum Junction Temperature	$T_{J(M)}$	°C		

### Electrical Characteristics

PARAMETER	SYMBOL	TEST CONDITIONS	TYP	MAX	UNIT
Forward Voltage	$V_{F}$	$I_F = 100\text{mA}, V_R = 0\text{V}$	0.7	-	A
			0.9	-	
Reverse Leakage Current	$I_{R}$	$V_F = 0\text{V}, V_R = 66\text{V}$	0.7	-	μA
			7	-	
Dynamic Forward Resistance	$r_{DF}$	$I_F = 100\text{mA}, V_F = 0.7\text{V}$	9	-	Ω
Dynamic Reverse Resistance	$r_{DR}$	$I_R = 10\text{μA}, V_R = 66\text{V}$	9	-	Ω



# SS315Q THRU SS320Q

## Thermal Characteristics

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

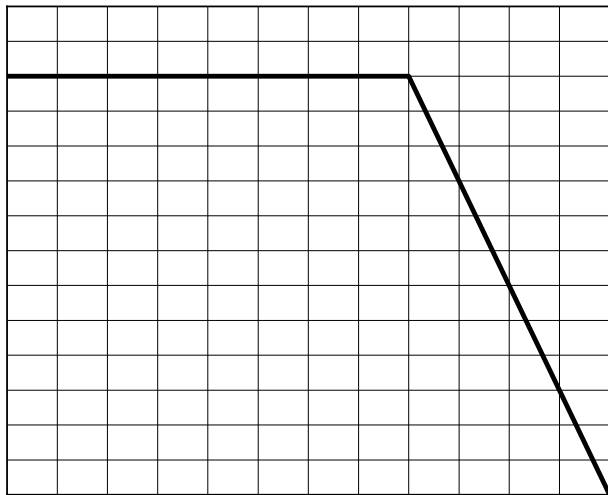
1RWH

7KHUPDO UHVLVWDQWR DUFER HQXW FVLRQ RDBGM RRFK QWRIG WQ 3 & % ZLWK [U SDG DUFHDV PP

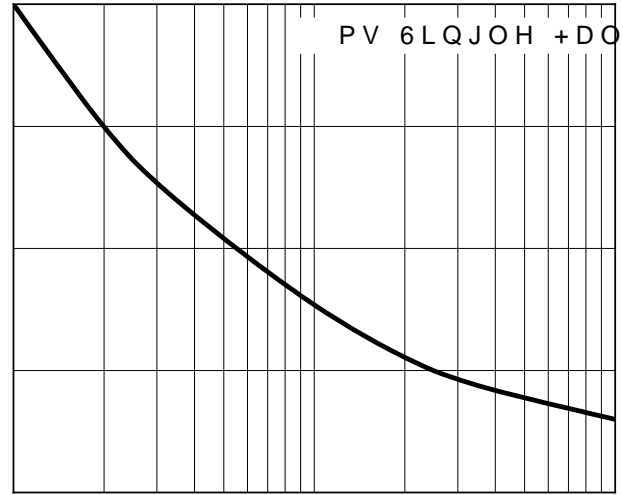
## Ordering Information

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[LPDVH			

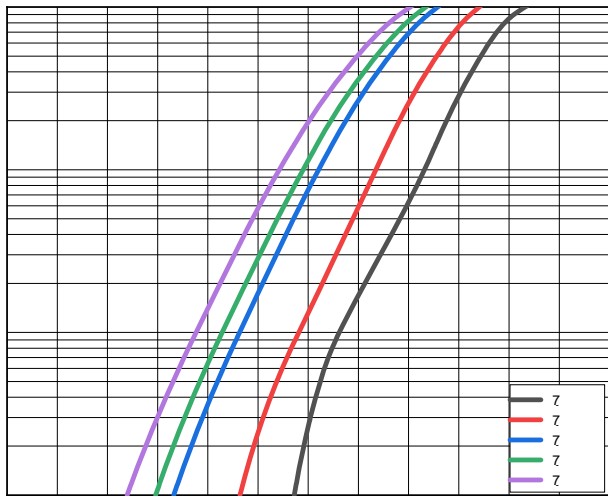
## Characteristics



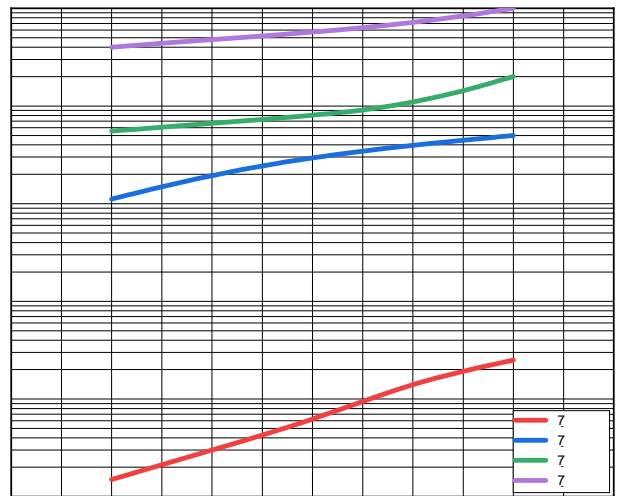
/HDG 7HPSHUDWXUH



1XPEHU RI &\FOHV DW +]



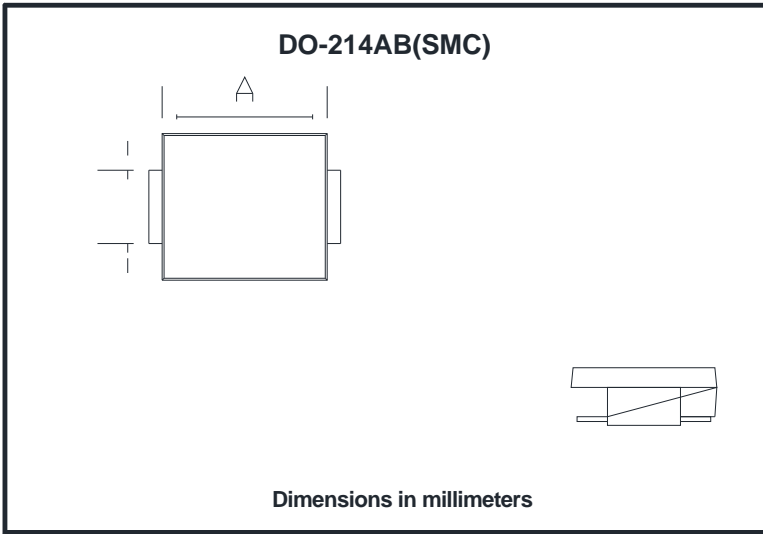
,QVWDQWDQHRXV )RUZDUG 9ROWDJH 93HUFHQW RI 5DWHG 3HDN 5HYHU





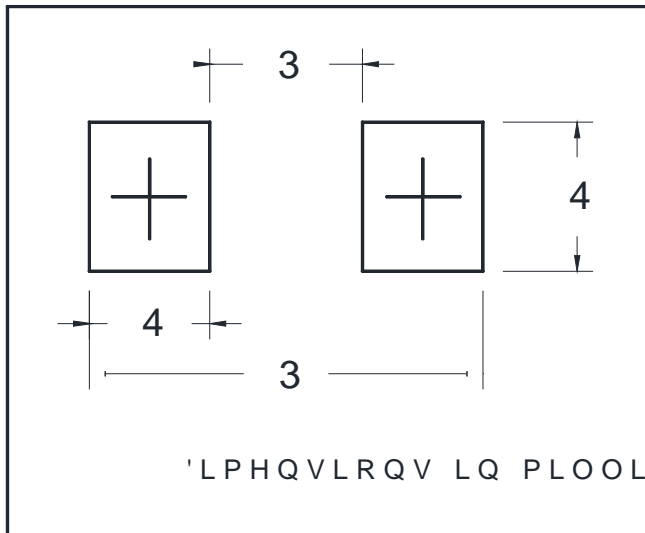
# SS315Q THRU SS320Q

## vOutline Dimensions



'2	\$%	60&
'LP	0LQ	0D
\$		
%		
&		
'		
(		
)		
*		
+		

## Suggested pad layout



Dim	Typ
3	
3	
4	
4	

