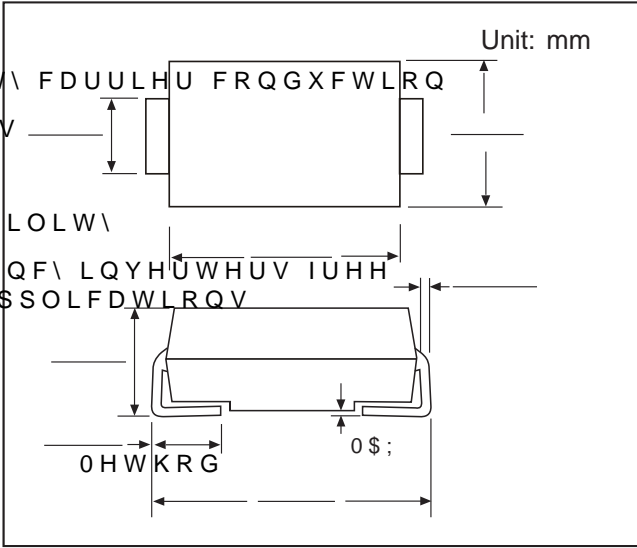


60\$ 3/\$676&/, & 2\$( &7, ), (56

)( \$785(6  
 "0HWDO VLOLFRRQ MXQFWLRQ PDMRULW\FDUULHU FRQGXFWRU  
 ")RU VXUIDFH PRXQWHG DSSOLFDWLRQV  
 "/RZ SRZHU ORVV KLJK HIILFLHQF\  
 "+LJK IRUZDUG VXUJH FXUUHQW FDSDELOLW\  
 ")RUXVH LQ ORZ YROWDJH KLJK IUHTXHQF\ LQYHUWHUV IUHH  
 ZKHHODQG SRODULW\ SURWHFWLRQ DSSOLFDWLRQV  
 0( & + \$1, & \$' \$7\$  
 "&DVH 60\$ PROGHG SODVWLF  
 "7HUPLQDOV 6ROGHUDEOH SHU 0, / 67'  
 "\$SSUR[ :HLJKW PJ R]



0\$;, 080 5\$7, 1\*6 \$1' & + \$5\$&7(5, 67, & 6

# f & \$ PELHG WSHUDXQORHWKHUZRWHG

Parameter	Symbols	SS52	66	SS56	SS58	SS510	SS512	S515	S520	Units
Maximum Repetitive Peak Reverse Voltage	$V_{RRM}$	20	40	60	80	100	120	150	200	V
Maximum RMS voltage	$V_{RMS}$	14	28	42	56			105	140	V
Maximum DC Blocking Voltage	$V_{DC}$	20	40	60	80	100	120	150	200	V
Maximum Average Forward Rectified Current	$I_{F(AV)}$	5.0								A
Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	$I_{FSM}$									A
Max Instantaneous Forward Voltage at 5 A	$V_F$	0.55		0.70			0.85			V
$T_a = 25^\circ\text{C}$ $T_a = 100^\circ\text{C}$	$I_R$									mA
Operating Junction Temperature Range	$T_j$	-55 ~ +150								$^\circ\text{C}$
Storage Temperature Range	$T_{stg}$	-55 ~ +150								$^\circ\text{C}$

Fig.1 Forward Current Derating Curve

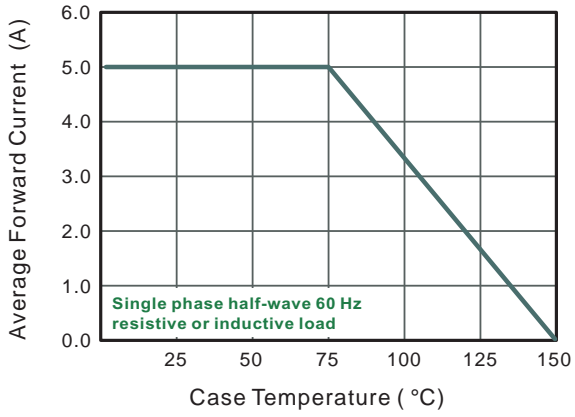


Fig.2 Typical Reverse Characteristics

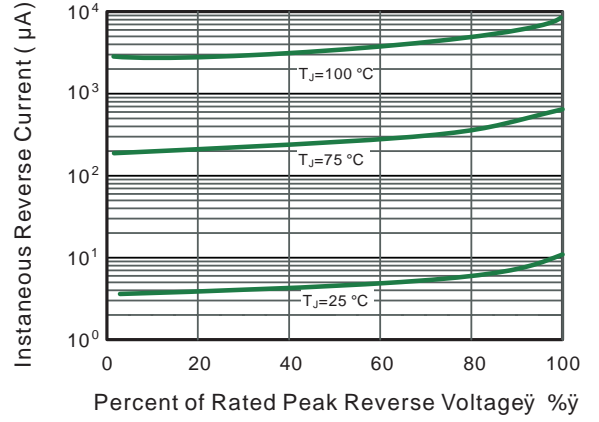


Fig.3 Typical Forward Characteristic

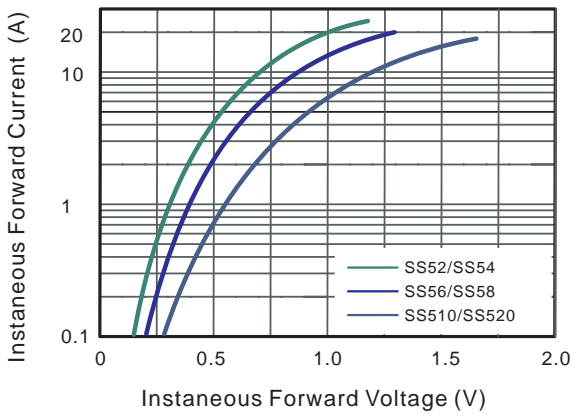


Fig.4 Typical Junction Capacitance



Reverse Voltage

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