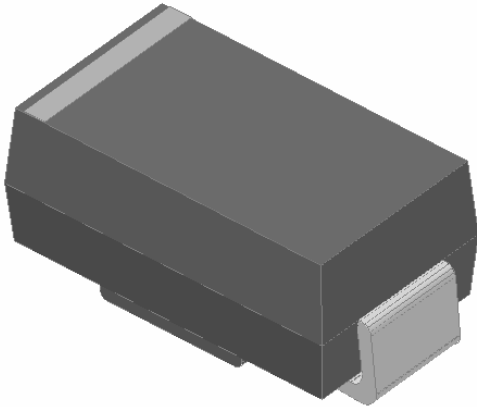
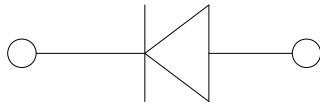




- Low profile package
- Ideal for automated placement
- Guardring for overvoltage protection
- Low power losses, high efficiency
- High forward surge capability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C

For use in low voltage high frequency inverters, freewheeling, DC/DC converters, and polarity protection applications.



- : DO-214AC (SMA)
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- Cathode line denotes the cathode end

■ (Ta=25 Unless otherwise specified)

			32AH	33AH	34AH	35AH	36AH	38AH	310AH	315AH	320AH	
Device marking code			SS									
Repetitive peak reverse voltage	V_{RRM}	V	20	30	40	50	60	80	100	150	200	
Average rectified output current @60Hz sine wave, resistance load, Tc (FIG.1)	I_O	A	3.0									
Surge(non-repetitive)forward current @60Hz half-sine wave,1 cycle, Tj=25	I_{FSM}	A	70									
Surge(non-repetitive)forward current M		-55 ~+175										

Junction temperature	Tj	-55~+150	-55 ~+175
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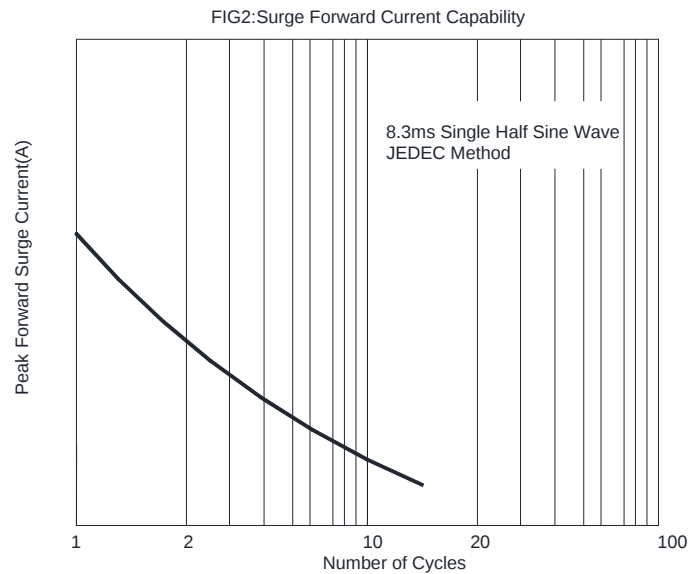
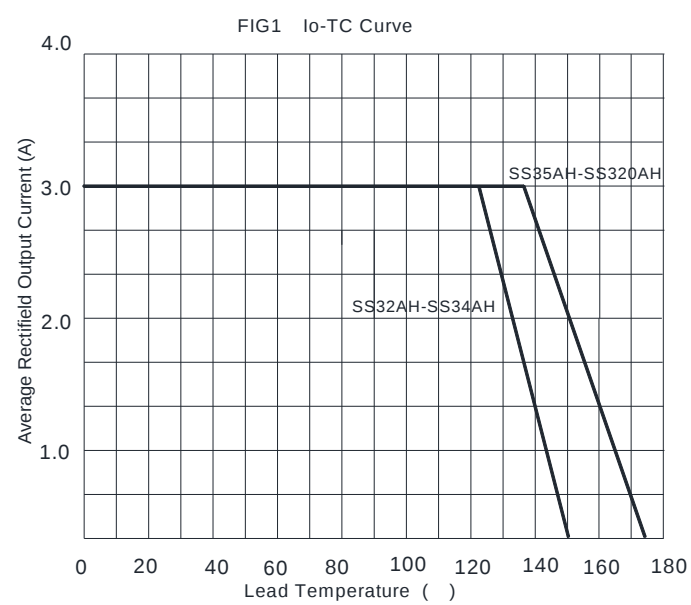
■ $T_a=25$ Unless otherwise specified

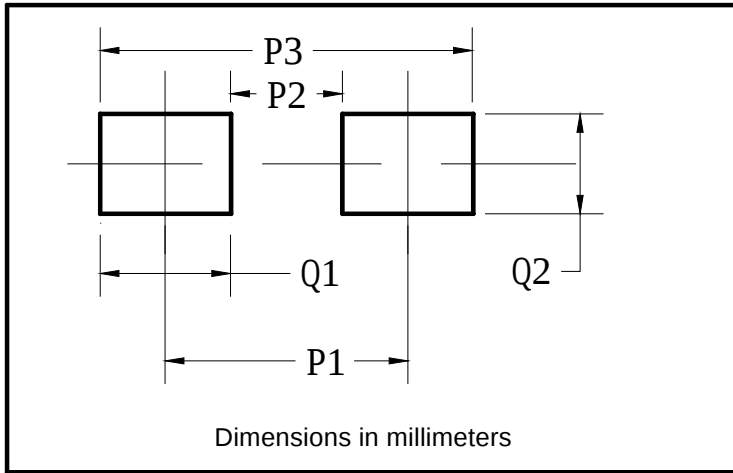
Instantaneous forward voltage drop per diode	SS32AH~SS34AH	V_F	V	$I_{FM}=3.0A$	-	0.46	0.50
	SS35AH~SS36AH				-	0.59	0.70
	SS38AH~SS310AH				-	0.75	0.85
	SS315H~SS320AH				-	0.81	0.90
DC reverse current at rated DC blocking voltage per diode @ $V_{RM}=V_{RRM}$	SS32AH~SS34AH	I_{RRM}	mA	$T_j=25$	-	-	0.50
	SS32AH~SS34AH			$T_j=125$	-	-	5.0
	SS35AH~SS36AH			$T_j=25$	-	-	0.50
	SS35AH~SS36AH			$T_j=125$	-	-	5.0
	SS38AH~SS310AH			$T_j=25$	-	-	0.10
	SS38AH~SS310AH			$T_j=125$	-	-	5.0
	SS315H~SS320AH			$T_j=25$	-	-	0.10
	SS315H~SS320AH			$T_j=125$	-	-	5.0

Note1:Pulse test:300uS pulse width,1% duty cycle

Note2:Pulse test:pulse width 40mS

■ $T_a=25$ Unless otherwise specified





Dim	Millimeters
P1	4.00
P2	1.50
P3	6.50
Q1	2.50
Q2	1.70



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