

Guardring for overvoltage protection
 Low power loss
 Extremely fast switching
 High forward surge capability
 High frequency operation
 Solder dip 260 °C max. 10 s, per JESD 22-B106

Color band denotes the cathode end

(Ta=25 Unless otherwise specified)

Device marking code			SS82	SS84	SS86	SS810	SS815	SS820
Repetitive Peak Reverse Voltage	V_{RRM}	V	20	40	60	100	150	200
Average Rectified Output Current @60Hz sine wave, Resistance load, Ta (FIG.1)	I_o	A	8.0					
Surge(Non-repetitive)Forward Current @60Hz Half-sine wave,1 cycle, Ta=25	I_{FSM}	A	120					
Storage Temperature	T_{stg}		-55 ~+150					
Junction Temperature	T_j		-55~+125			-55 ~+150		

(Ta=25 Unless otherwise specified)

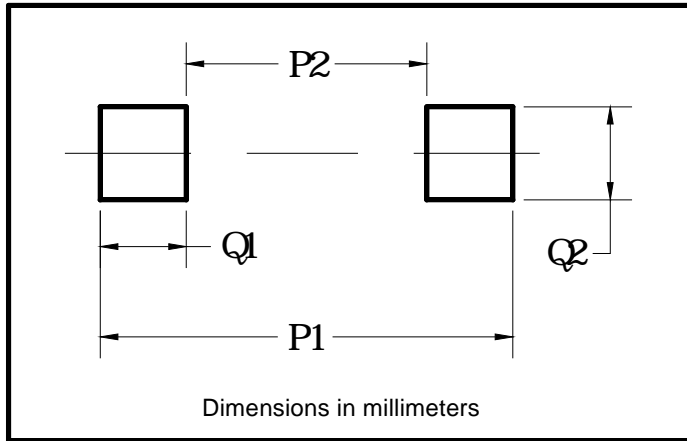
				0.2		0.1	
			Ta=100	20		5.0	
Typical junction capacitance	C_j	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C.	450	350	270	180

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

Note2:Pulse test:pulse width 40mS



DO-214AB (SMC)		
Dim	Min	Max
A	6.60	7.11
B	2.85	3.27
C	5.59	6.22
D	7.75	8.13
E	1.99	2.61
F	0.15	0.31
G	0.76	1.52
H	0.05	0.20



DO-214AB (SMC)	
Dim	Value
P1	
Q1	
Q2	



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