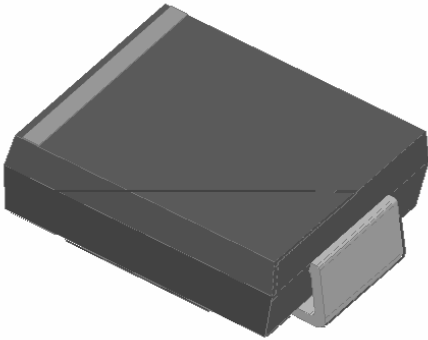
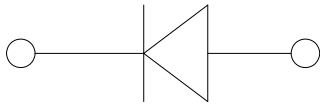




- Guardring for overvoltage protection
- Low power losses
- Extremely fast switching
- High forward surge capability
- High frequency operation
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C
- Part no. with suffix "Q" means AEC-Q101 u 002 and JESD22-B102
- Color band denotes the cathode end



■ (Ta=25 Unless otherwise specified

Device marking code			SS32	SS34
Repetitive peak reverse voltage	V_{RRM}	V	20	40
Maximum RMS voltage	V_{RMS}	V	14	28
Maximum DC blocking voltage	V_{DC}	V	20	40
Maximum average forward rectified current at T_L (Fig.1)	I_O	A	3.0	
Surge(non-repetitive)forward current @60Hz half-sine wave,1 cycle, $T_J=25$	I_{FSM}	A	80	
Voltage rate of change (rated V_R)	dV/dt	V/ μ s	10000	
Storage temperature	T_{stg}		-55 ~+150	
Junction temperature	T_J		-55 ~+150	

■ Ta=25 Unless otherwise specified

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Instantaneous forward voltage V_F $I_F=3A$

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T_a=25 Unless otherwise specified

Thermal Resistance	R _{θJA}	/W	48 ¹⁾	
	R _{θJL}		13 ¹⁾	

Note(1)

Thermal resistance from junction to ambient and from junction to lead mounted on P.C.B. with 0.6" x 0.6" (16 mm x 16 mm) copper pad areas





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

P1	9.9
P2	3.84
Q1	3.03
Q2	3.82

Dimensions in millimeters



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