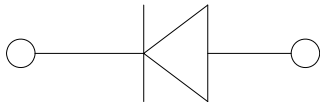


Guardring for overvoltage protection
 Low power losses
 Extremely fast switching
 High forward surge capability
 High frequency operation
 Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C
 Part no. with suffix "Q" means AEC-Q101 u 002 and JESD22-B102
 Color band denotes the cathode end



($T_a=25$ 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	

$T_a=25$ Unless otherwise specified

Instantaneous forward voltage	V_F	$I_F=3A$		

Instantaneous forward voltage V_F $I_F=3A$

--	--	--	--	--



$T_a=25$ Unless otherwise specified

Thermal Resistance	R_{J-A}	/W	48 ^①	
	R_{J-L}		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



The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with automotive electronics, are not designed for use in medical, lifesaving, lifesustaining, or military, Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website [http:// www.21yangjie.com](http://www.21yangjie.com) , or consult your nearest Yangjie's sales office for further assistance.