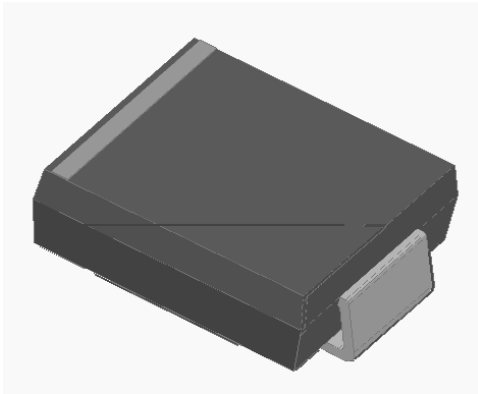
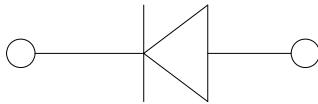


Surface Mount Schottky Rectifier



Features

- 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
- **Polarity:** Color band denotes the cathode end



■Maximum Ratings (T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	UNIT	SS36Q
Device marking code			SS36

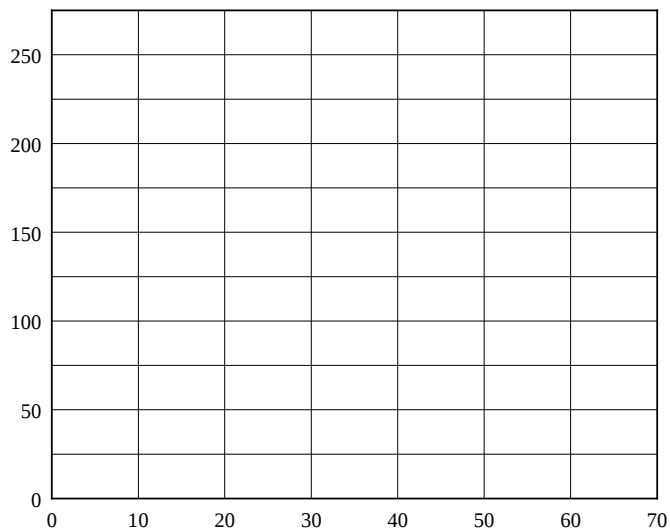
@60Hz half-sine wave,1 cycle, T

$T_j=25$	I_{FSM}	A	80
Voltage rate of change (rated V _R)	dV/dt	V/μs	10000
Storage temperature	T _{stg}		-55 ~+ 50
Junction temperature	T _j		-55 ~+ 50

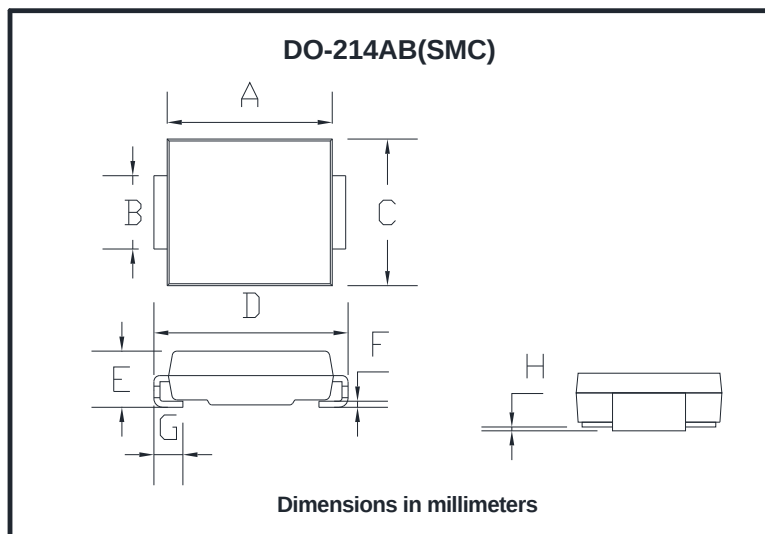
■Electrical Characteristics T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	TEST CONDITIONS	TYP	MAX	UNIT
Instantaneous forward voltage	V _F	I _F =3A	T _j =25	0.6	V
			T _j =125	0.54	
				0.7	
				0.63	

	J	V _R =4V,f=1MHz	135	-	pF
--	---	---------------------------	-----	---	----



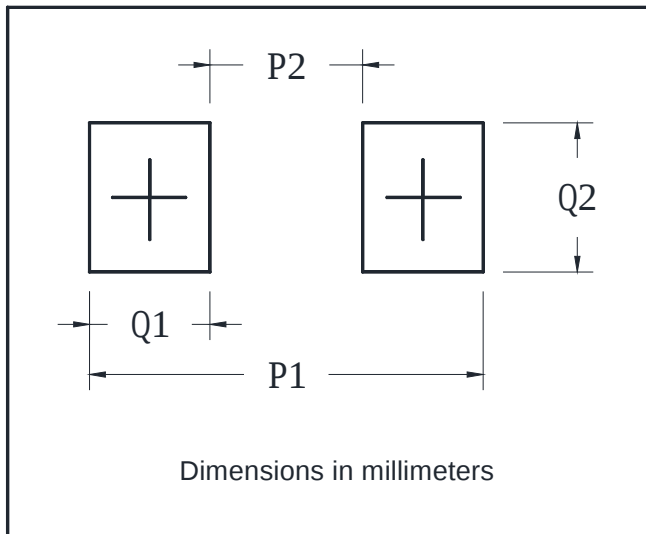
■ Outline Dimensions



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



Ω Suggested pad layout



Dim	Typ
P1	9.9
P2	3.84
Q1	3.03
Q2	3.82

■Ordering Information (Example)

PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SS36Q	F1	Approximate 0.254	3000	42000	13" reel



Disclaimer

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

yya