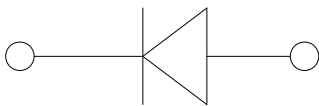
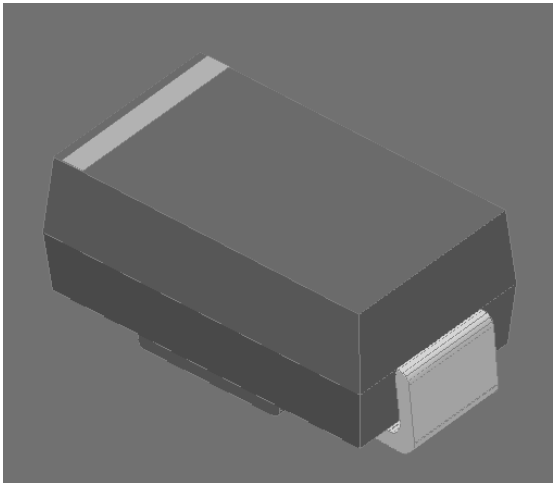




Surface Mount Schottky Rectifier



Features

- 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

Typical Applications

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

Mechanical Data

- **Package:** DO-214AC (SMA)
- Molding compound meets UL 94 V-0 flammability rating, VI

the leaded device notes

■ Maximum Ratings (Ta=25℃ Unless otherwise specified)

PARAMETER	UNIT	MAXIMUM
Average rectified output current @60Hz sine wave, resistance load, TL (FIG. 1)	A	3.0
Surge(non-repetitive)forward current @60Hz half-sine wave, 1 cycle, Ta=25	IFSM A	70
Storage temperature	Tstg	-55 ~+150
Junction temperature	Tj	-55~+125

			Ta=100	10	5.0

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

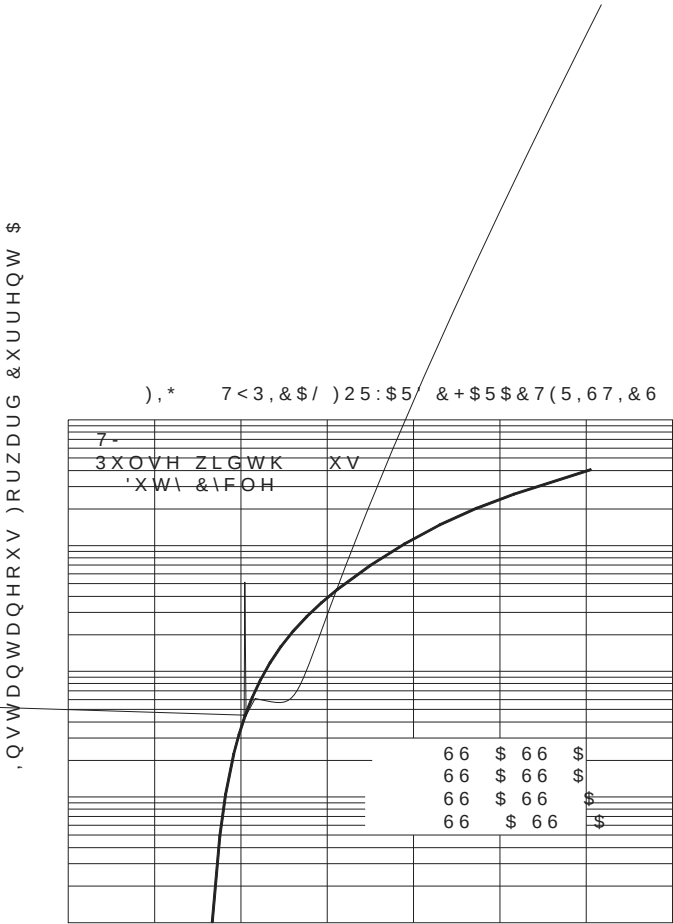
Note2:Pulse test:pulse width 40mS

v7KHUPDO &KDUDFWHUBQWHRW RWKHUZLVH VSHFLILHG

3\$5\$0(7(5	6<0%2/	81,7	66						
			\$	\$	\$	\$	\$	\$	\$
7KHUPDO UHVLVWDOFH	5 - \$	- :							
	5 - /								

1RWH 7KHUPDO UHVLVWDQWR DUFELHXQFOLGRQDBMRKQWRG WQ 3 & % ZLWK \$HU SDG DUFH

v &KDUDFWHUBQWHRW



,QVWDQWDQHRXV)RUZDUG 9ROWDJH 9

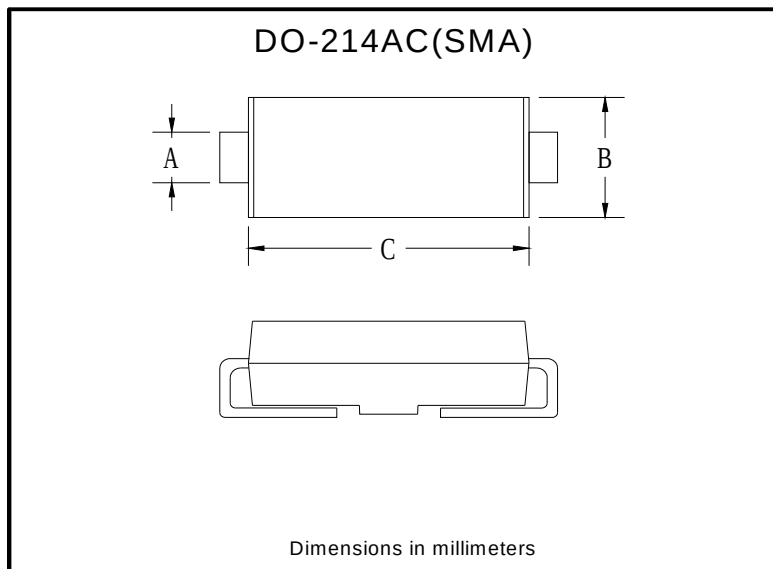


SS32A THRU SS320A

■ Ordering Information (Example)

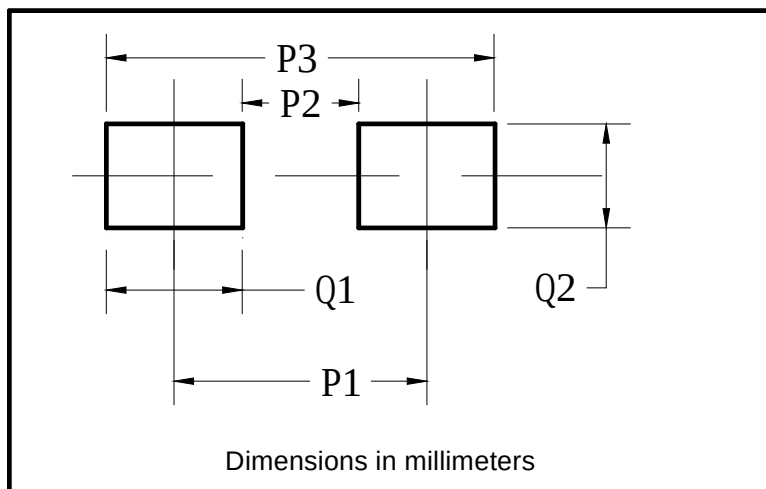
PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SS32A-SS320A	F1	Approximate 0.059	5000	/	80000	13" reel
SS32A-SS320A	F2	Approximate 0.059	7500	/	120000	13" reel
SS32A-SS320A	F3	Approximate 0.059	7500	/	60000	13" reel
SS32A-SS320A	F4	Approximate 0.059	1800	7200	57600	7" reel
SS32A-SS320A	F5	Approximate 0.059	2000	8000	64000	7" reel
SS32A-SS320A	F6	Approximate 0.059	5000	/	100000	13" reel

■ Outline Dimensions



DO-214AC(SMA)		
Dim	Min	Max
A	1.25	1.58
B	2.40	2.83
C	4.00	4.75
D	1.90	2.30
E	4.93	5.28
F	0.76	1.41
G	0.05	0.20
H	0.15	0.31
I	1.70	2.10

■ Suggested Pad Layout



DO-214AC(SMA)	
Dim	Millimeters
P1	4.00
P2	1.50
P3	6.50
Q1	2.50
Q2	1.70



SS32A THRU SS320A

Disclaimer

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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high precision or high reliability.