



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 wire

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

PARAMETER	Symbol	Unit	Value	Value	Value
Average rectified output current @60Hz sine wave, resistance load, TL (FIG. 1)	I _O	A	3.0		
Surge(non-repetitive)forward current @60Hz half-sine wave, 1 cycle, T _a = 25	I _{FSM}	A	70		
Storage temperature	T _{stg}		-55 ~+150		
Junction temperature	T _j		-55~+125	-55 ~+150	

v7KHUPDO &KDUDFWHUBQWHRW RWKHUZLVH VSHFLILHG

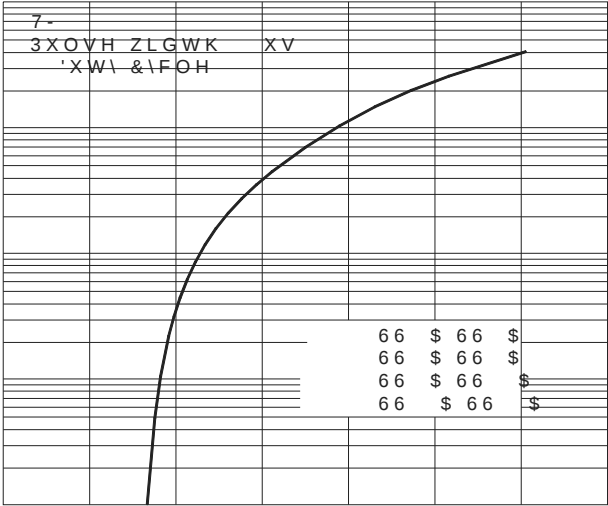
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v&KDUDFWHUBQWHRW

,QVWDQWDQHRXV)RUZDUG &XUUHQW \$

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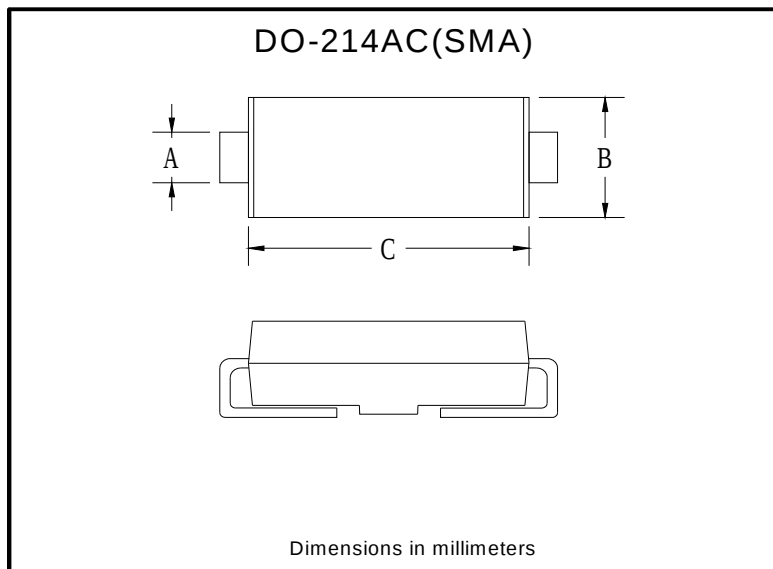


SS32A THRU SS320A

■ Ordering Information (Example)

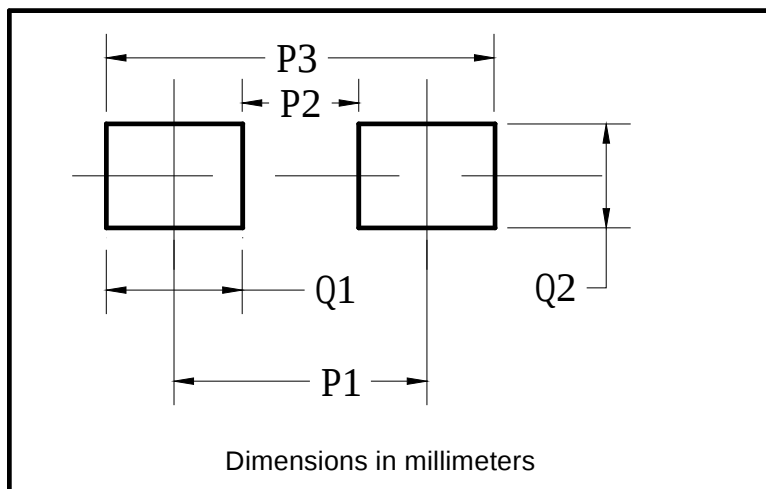
PREFERRED P/N	PACKAGE CODE	UNIT WEIGHT(g)	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SS32A-SS320A	F1	Approximate 0.059	5000	/	80000	13" reel
SS32A-SS320A	F2	Approximate 0.059	7500	/	120000	13" reel
SS32A-SS320A	F3	Approximate 0.059	7500	/	60000	13" reel
SS32A-SS320A	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



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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 speed ! ability no