

Ratings at 25°C ambient temperature unless otherwise specified. Single phase , half wave ,60Hz, resistive or inductive load. For capacitive load , derate current by 20%.

PARAMETER		S2A-AU	S2B-AU	S2D-AU	S2G-AU	S2J-AU	S2K-AU	S2M-AU	UNITS
Maximum Recurrent Peak Reverse Voltage		50	100	200	400	600	800	1000	V
Maximum RMS Voltage		35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V _{DC}	50	100	200	400	600	800	1000	V
Maximum Average Forward Current at T _L =110°C		2						A	
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load		60							A
Maximum Forward Voltage at 2A		1.1						v	
Maximum DC Reverse Current at Rated DC Blocking T _j =25°C Voltage T _j =125°C		1 125						μA	
Maximum Junction Capacitance (Note 1)		30						рF	
Typical Junction Resistance (Note 2)		16						°C / W	
Operating Junction and Storage Temperature Range		-55 to +150						°C	

NOTES :

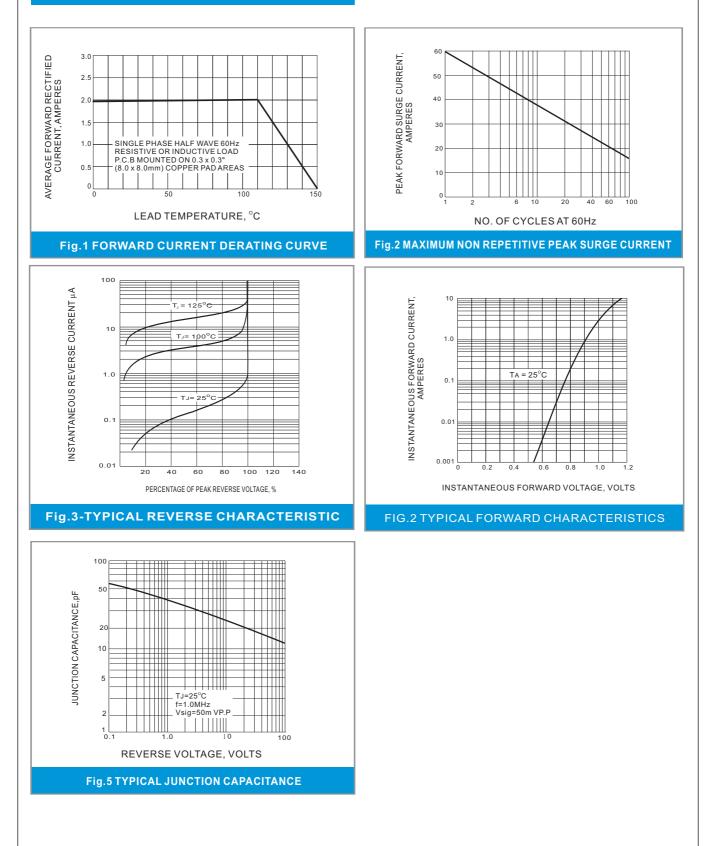
1.Measured at 1 MHZ and applied Vr=4 volts.

 $2.8 \times 8 \text{mm}^2 \text{ pads}.$

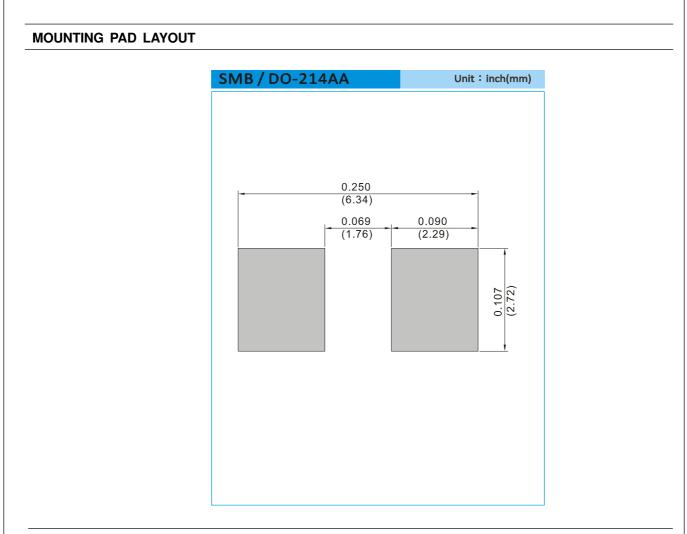


S2A-AU~S2M-AU

RATING AND CHARACTERISTIC CURVES







ORDER INFORMATION

Packing information

T/R - 3K per 13" plastic Reel

T/R - 0.8K per 7" plastic Reel





Part No_packing code_Version

S2A-AU_R1_000A1 S2A-AU_R2_000A1

For example :

RB500V-40_R2_00001
Part No.

Serial number

Version code means HF

- Packing size code means 13"
- Packing type means T/R

Packing Code XX				Version Code XXXXX				
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 ^{nd~5th Code}		
Tape and Ammunition Box (T/B)	A	N/A	0	HF	0	serial number		
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number		
Bulk Packing (B/P)	В	13"	2					
Tube Packing (T/P)	т	26mm	X					
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y					
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U					
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D					





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