

SMD Schottky Barrier Rectifier Diode

Primary characteristics							
Parameter	Value	Unit					
Maximum repetitive peak reverse voltage	50 ~ 1000	V					
Maximum average forward rectified current	2.0	Α					

Features

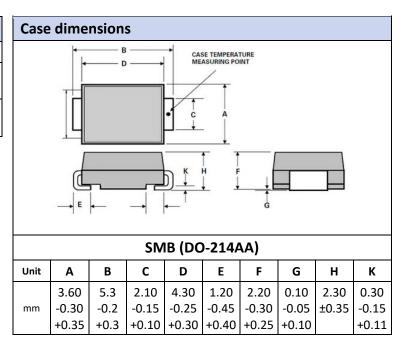
• SMB (DO-214AA) case for easy automatic insertion.

• Pb-free and **RoHS** compliant

Weight: ~0.093g/0.003oz

Glass passivated chip junction

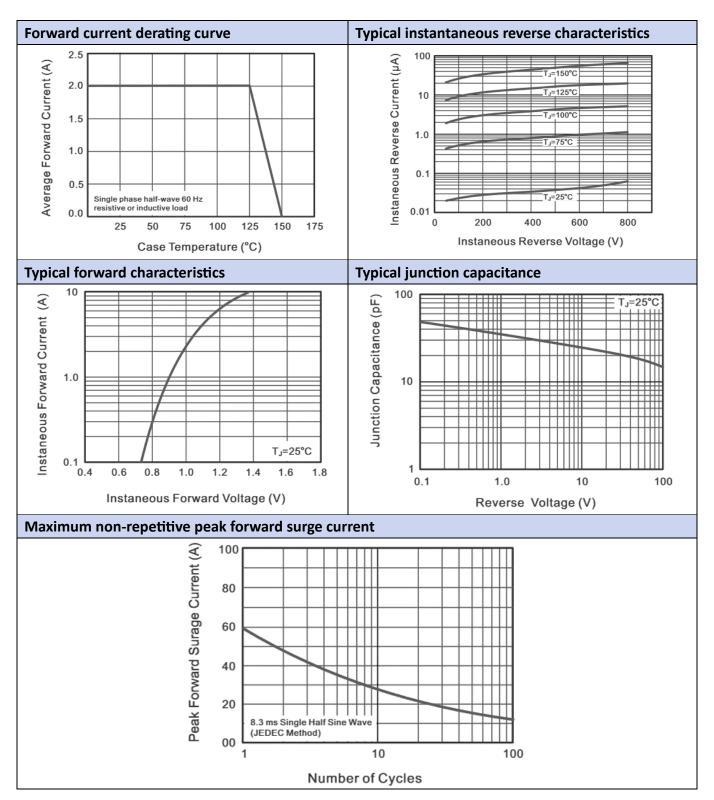
• Terminals: solderable per MIL-STD-750, Method 2026



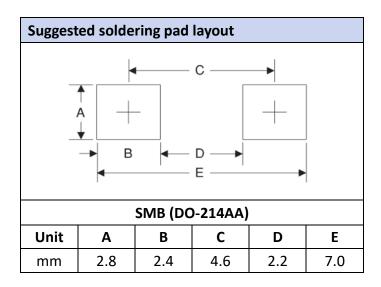
Absolute maximum ratings and general electrical characteristics (T _a = 25°C)									
Parameter		Value							Unit
		S2AB	S2BB	S2DB	S2GB	S2JB	S2KB	S2MB	
Maximum repetitive peak reverse voltage		50	100	200	400	600	800	1000	
Maximum RMS voltage		35	70	140	280	420	560	700	V
Maximum DC blocking voltage		50	100	200	400	600	800	1000	
tified	I _{F(AV)}	2.0							
Peak forward surge current 8.3ms single half sine wave superimposed on rated load		60						A	
Maximum instantaneous forward voltage @2.0A		1.1						V	
a=25°C		5.0							μΑ
=125°C	I _R	50							
	Cı	C _J 25			рF				
Typical thermal resistance 1) R _{eJA} /F		60/20						°C/W	
ture	T _J , T _{stg}	-55 ~ 1 50						°C	
	rse	Symbol	Symbol	Symbol S2AB S2BB S2BB	Symbol S2AB S2BB S2DB S2BB S2DB S2AB S2BB S2DB S2BB S2DB S2AB S2BB S2DB S2BB S2BB S2BB S2DB S2BB S2DB S2BB S2BB S2BB S2BB S2BB S2DB S2BB S2DB S2BB S2BB S2BB S2	Value Symbol S2AB S2BB S2DB S2GB rse V _{RMM} 50 100 200 400 V _{RMS} 35 70 140 280 V _{DC} 50 100 200 400 tiffied I _{F(AV)} 2.0 If 60 60 rd V _F 5.0 In 50 50 C _J 25 R _{BJA} /R _{BJC} 60/20	Symbol S2AB S2BB S2DB S2GB S2JB S2BB S2DB S2GB S2JB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2JB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2B	Symbol S2AB S2BB S2DB S2GB S2JB S2KB S2AB S2BB S2DB S2BB S2JB S2KB S2AB S2BB S2DB S2BB S2JB S2KB S2AB S2BB S2DB S2BB S2JB S2KB S2AB S2BB S2BB S2BB S2JB S2KB S2BB S2BB S2BB S2BB S2JB S2KB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2BB S2B	Symbol S2AB S2BB S2DB S2GB S2JB S2KB S2MB S2AB S2BB S2DB S2BB S2JB S2KB S2MB S2AB S2BB S2JB S2KB S2MB S2KB S2MB S2BB S2JB S2BB S2JB S2KB S2MB S2KB S2BB S2JB S2BB S2JB S2KB S2MB S2KB S2BB S2BB S2BB S2JB S2KB S2BB S2BB S2B











Ordering information							
Part Number	Package	Shipping Quantity	Dimensions				
S2AB ~ S2MB	SMB (DO-214AA)	3 000 pcs / 13" reel					

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