SS12L SERIES



MAXIMUM RATINGS(TA=25°C unless otherwise noted)

PARAMETER	SYMBOL	SS12L	SS13L	SS14L	SS14AL	SS16L	SS19L	UNIT
Maximum repetitive peak reverse voltage	Vrrm	20 30 40		40	45 60		90	V
Maximum rms voltage	Vrms 14		21	28	31.5	42	64	V
Maximum dc blocking voltage	Vr	20	30	40	45	60	90	V
Maximum average forward rectified current	l f(AV)	1						А
Peak forward surge current : 8.3ms single half sine-wave superimposed on rated load	IFSM	30 40						А
Maximum thermal resistance	Roja Rojl	120 40						°C/W
Operating junction temperature range	TJ	-55 to + 125 -55 to +150						°C
Storage temperature range	Тѕтс	-55 to + 150 -55 to +150					°C	

ELECTRICAL CHARACTERISTICS(TA=25°C unless otherwise noted)

PARAMETER	SYMBOL	TEST CONDITIONS	SS12L	SS13L	SS14L	SS14AL	SS16L	SS19L	UNIT
Maximum instantaneous forward voltage (Notes 1)	VF	I F=1.0A		0.42		0.45	0.50	0.68	V
Maximum reverse current at rated peak reverse voltage	l r	-	20	00		100		80	μA

NOTES:

1. Pulse test : 300 μs pulse width, 1% duty cycle.



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SS12L SERIES

MOUNTING PAD LAYOUT



- Packing information
 T/R 7.5K per 13" plastic Reel
 - T/R 1.8Kper 7" plastic Reel





Part No_packing code_Version

SS12L_R1_00001 SS12L_R2_00001

For example :

RB500V-40_R2_00001



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 ~5 th 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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