

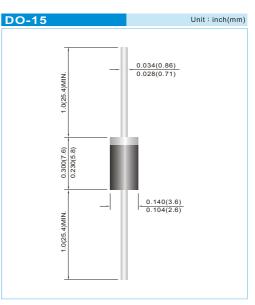
LOW VF SCHOTTKY RECTIFIER VOLTAGE 40 Volt CURRENT 3 Ampere

FEATURES

- Plastic package has Underwriters Laboratory Flammability Classification 94V-O utilizing Flame Retardant Epoxy Molding Compound.
- · Low forward voltage drop, low power losses
- · High efficiency operation
- Lead free in compliance with EU RoHS 2.0

MECHANICAL DATA

- Case: DO-15 Molded plastic
- Terminals: Axial leads, solderable per MIL-STD-750,Method 2026
- · Polarity: Color band denotes cathode end
- Weight: 0.014 ounces, 0.4 grams



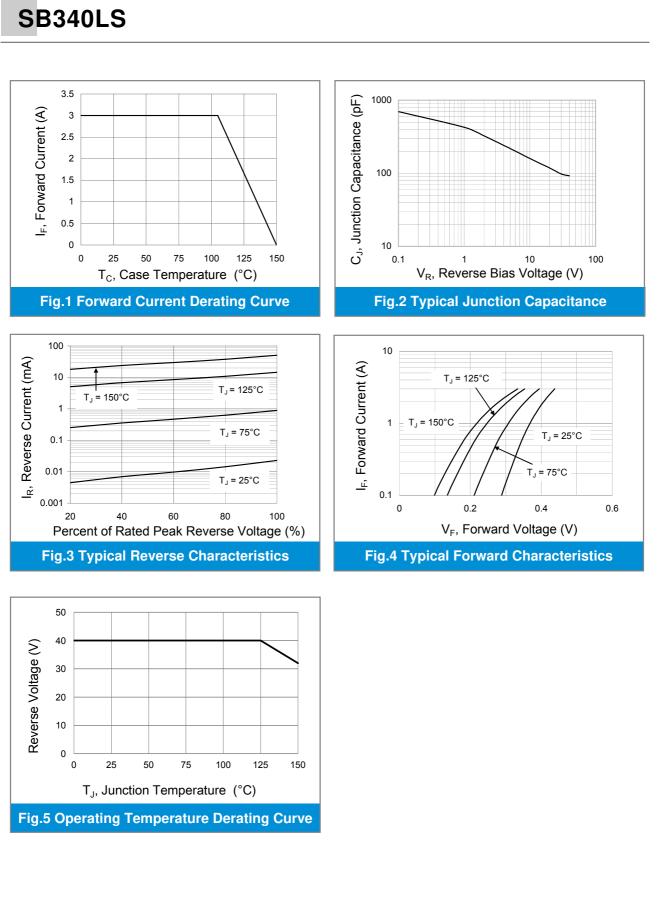
MAXIMUM RATINGS(TA=25°C unless otherwise noted)

PARAMETER	SYMBOL	VALUE	UNIT
Maximum repetitive peak reverse voltage	VRRM	40	V
Maximum rms voltage	Vrms	28	V
Maximum dc blocking voltage	Vr	40	V
Maximum average forward rectified current	l f(AV)	3	А
Peak forward surge current : 8.3ms single half sine-wave uperimposed on rated load	IFSM	150	А
Typical thermal resistance (Note 1)	Reja Rejc	80 38	°C/W
Operating junction temperature range	TJ	-55 to + 150	°C
Storage temperature range	Тѕтс	-55 to + 150	٥C

Note : 1. Mounted on 48cm² FR-4 PCB.

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

PARAMETER	SYMBOL	TEST CONDITIONS		MIN.	TYP.	MAX.	UNIT
Breakdown voltage	VBR	I R=1mA		40	-	-	V
Instantaneous forward voltage	VF	IF=0.1A		-	0.29	-	
		I F=1.5A I F=3A	TJ=25°C	-	0.39 0.44	- 0.46	V
		IF=0.1A	TJ=125℃	-	0.14	-	V
		I		-	0.28 0.36	-	
Reverse current	l r	Vr=32V		-	15	-	μA
		Vr=40V	TJ=25°C TJ=125°C	-	- 15	60 -	μA mA





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SB340LS

Part No_packing code_Version

SB340LS_AY_00001 SB340LS_AY_10001 SB340LS_B0_00001 SB340LS_B0_10001 SB340LS_R2_00001 SB340LS_R2_10001

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			





SB340LS

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