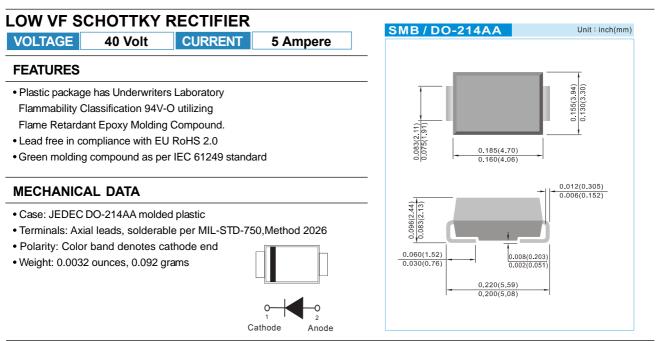


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MAXIMUM RATINGS(TA=25°C unless otherwise noted)

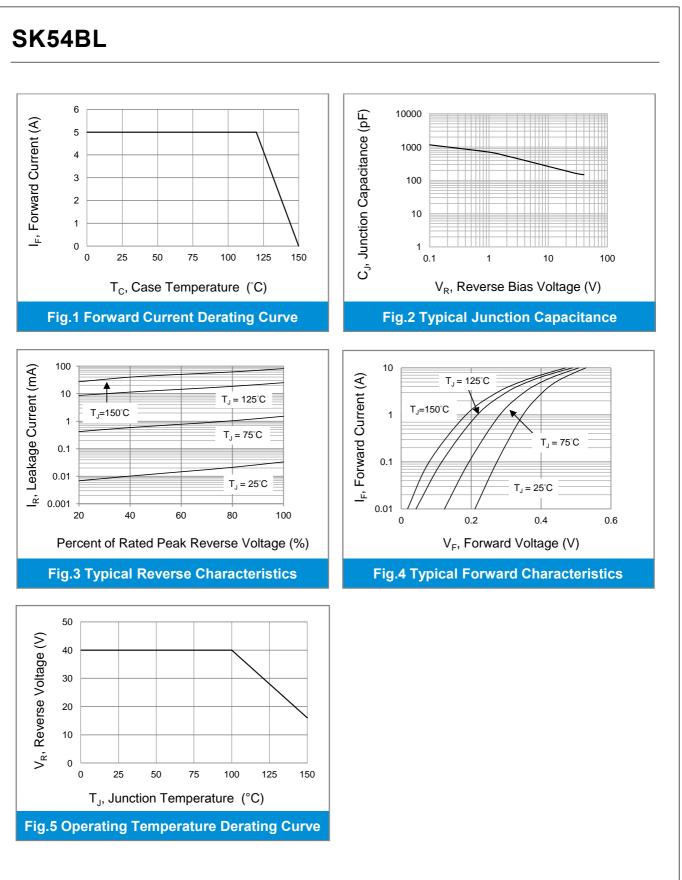
PARAMETER	SYMBOL	VALUE	UNIT
Maximum repetitive peak reverse voltage	Vrrm	40	V
Maximum rms voltage	Vrms	28	V
Maximum dc blocking voltage	VR	40	V
Maximum average forward rectified current	I F(AV)	5	А
Peak forward surge current : 8.3ms single half sine-wave superimposed on rated load	IFSM	100	А
Typical thermal resistance (Note 1)	Roja Rojl	40 10	°C/W
Operating junction temperature range	TJ	-55 to + 150	°C
Storage temperature range	Тѕтс	-55 to + 150	°C

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	I F=1A I F=3A	T. 250C	-	0.34	-	V
		IF=5A	TJ=25°C	-	0.40 0.44	0.46	v
		I F=1A I F=3A	TJ=125°C		0.21 0.30		V
		I F=5A		-	0.36	-	
Reverse current	Ιr	Vr=32V		-	21	-	μΑ
		VR=40V	TJ=25°C TJ=125°C	-	- 25	100 -	μA mA

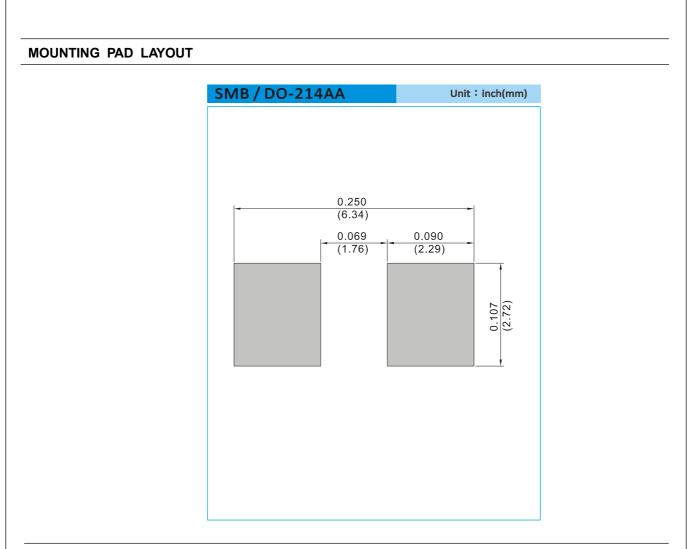
Note : 1. Mounted on 48cm² FR-4 PCB.







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ORDER INFORMATION

Packing information

T/R - 3K per 13" plastic Reel

T/R - 0.8K per 7" plastic Reel



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