

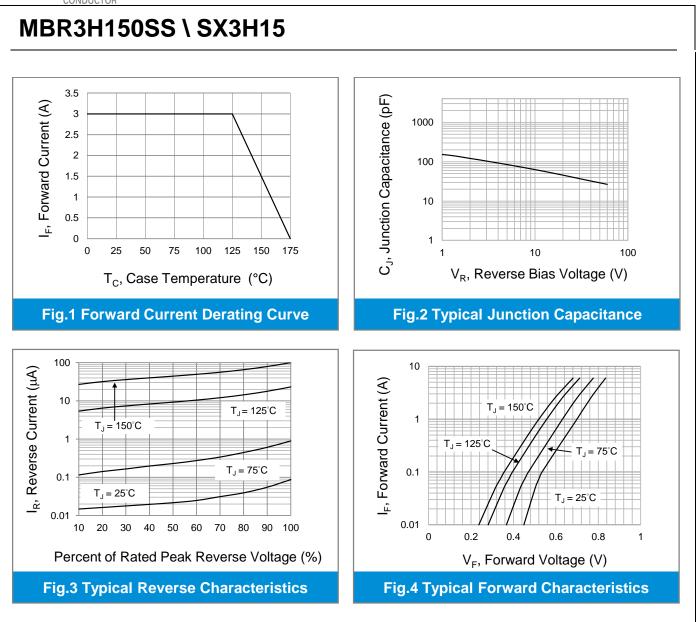
Maximum Ratings And Electrical Characteristics (T<sub>A</sub>=25°C unless otherwise noted)

PARAMETER		SYMBOL	150V	UNIT
Maximum repetitive peak reverse voltage		Vrrm	150	V
Maximum rms voltage		Vrms	105	V
Maximum dc blocking voltage		Vr	150	V
Maximum average forward rectified current		IF(AV)	3	Α
Peak forward surge current : 8.3ms single half sine- wave superimposed on rated load		Ігѕм	80	А
Maximum forward voltage at 3A		VF	0.85	V
Maximum dc reverse current	TJ =25°C	lr	0.5	μA
at rated dc blocking voltage	TJ =125°C		1	mA
Typical thermal resistance	SMA(Note 1) DO-201AD(Note 2)	R <sub>ejc</sub>	22 17	∘C/W
Operating junction temperature range		TJ	-55 to +175	°C
Storage temperature range		Тѕтс	-55 to +175	°C

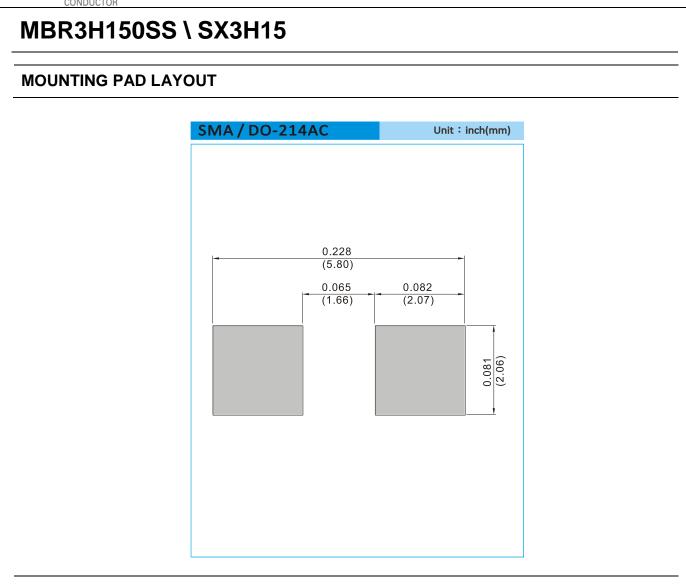
Note : 1. Mounted on a FR4 PCB, single-sided copper, with 100cm<sup>2</sup> copper pad area

2. The testing condition of the thermal resistance (junction to case) is based on 10 mm lead length between two 10cm x 10cm copper pad





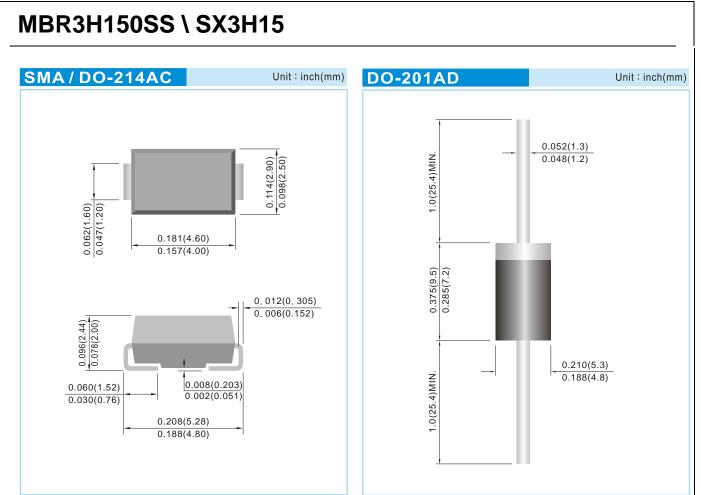




## ORDER INFORMATION

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







## MBR3H150SS \ SX3H15

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