

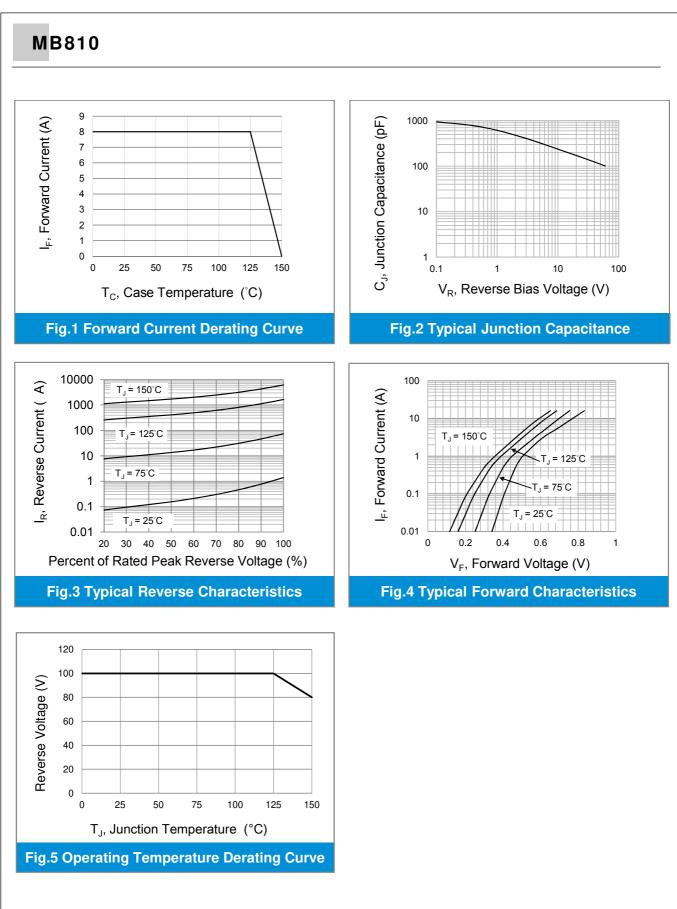
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Resistive or inductive load.

PARAMETER	SYMBOL	VALUE	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	100	v
Maximum RMS Voltage	V _{RMS}	70	v
Maximum DC Blocking Voltage	V _{DC}	100	V
Maximum Average Forward Current	I _{F(AV)}	8	A
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load	I _{FSM}	150	A
Maximum Forward Voltage at 8A	V _F	0.8	v
Maximum DC Reverse Current at Rated DC Blocking Voltage	I _R	50	μΑ
Typical Thermal Resistance (Note 1) (Note 2)	R _{ejl} R _{eja}	15 110	°C/W
Operating Junction and Storage Temperature Range	T _J ,T _{STG}	-55 to +150	°C

NOTES : 1.Mounted on a FR4 PCB, single-sided copper, with 100cm² copper pad area 2.Mounted on a FR4 PCB, single-sided copper, mini pad.

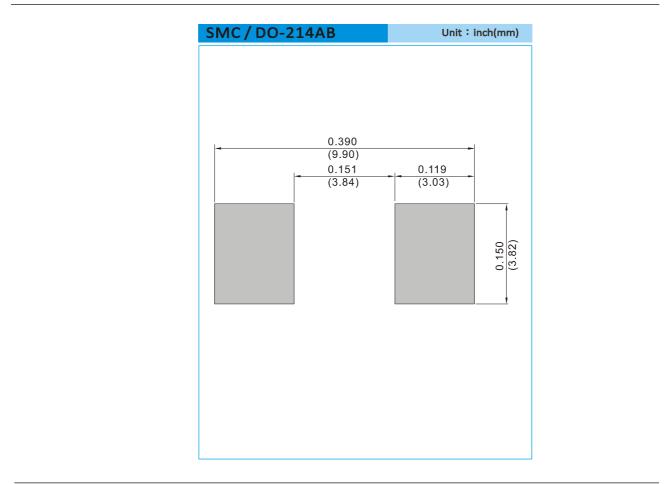






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MOUNTING PAD LAYOUT



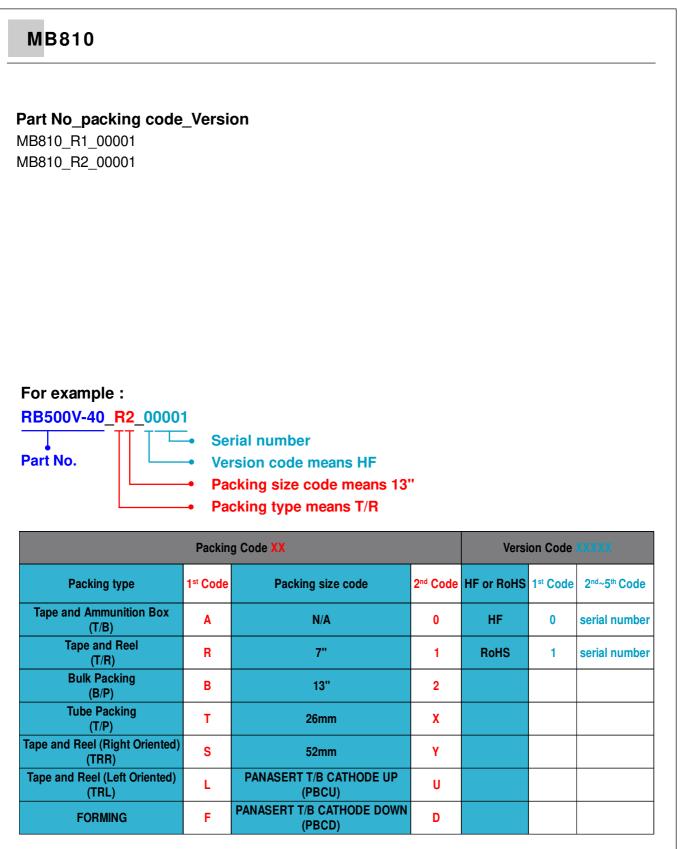
ORDER INFORMATION

Packing information

T/R - 3K per 13" plastic Reel

T/R - 0.8K per 7" plastic Reel









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