

PARAMETER		SYMBOL	BR24	BR24A	BR25	BR26	BR28	BR29	BR210	BR215	BR220	UNITS
Maximum Recurrent Peak Reverse Voltage		V _{RRM}	40	45	50	60	80	90	100	150	200	v
Maximum RMS Voltage		V _{rms}	28	31.5	35	42	56	63	70	105	140	۷
Maximum DC Blocking Voltage		V _{dc}	40	45	50	60	80	90	100	150	200	۷
Maximum Average Forward Current (See Figure 1)		I _{f(av)}	2									A
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load		I _{fsm}	50								A	
Maximum Forward Voltage at 2A (Notes 1)		V _F	0.7			0.8			0.9		v	
Maximum DC Reverse Current at Rated DC Blocking Voltage	T_=25°C T_=100°C	I _R	0.05 20								mA	
Typical Thermal Resistance	(Notes 2) (Notes 3)	R _{ejl} R _{eja}	25 150							°C / W		
Operating Junction and Storage Temperature Range		Tj,Tstg	-55 to +150 -55 to +175								٥C	

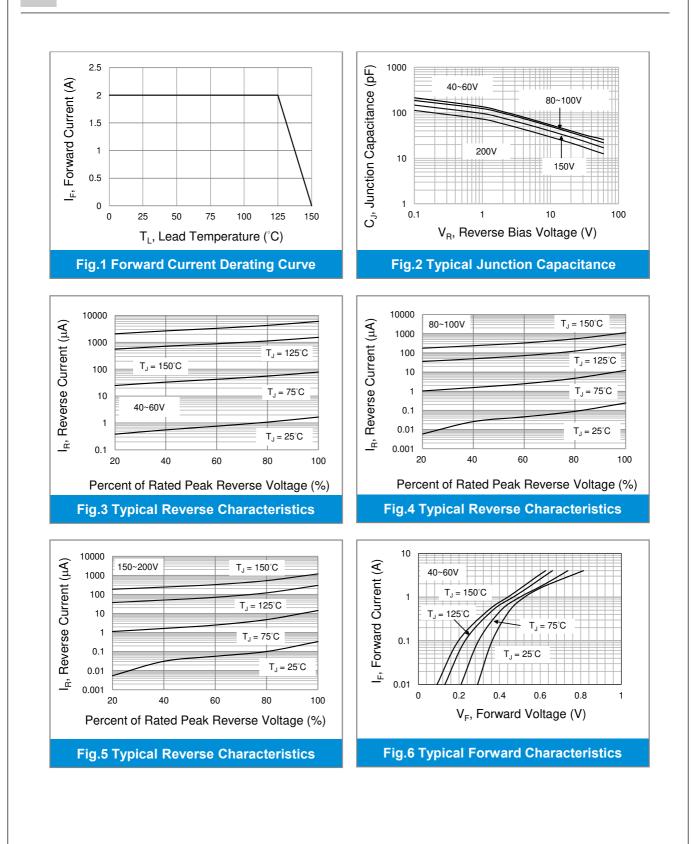
NOTES :

1. Pulse Test with PW =300 $\mu sec,$ 1% Duty Cycle.

2. Mounted on a FR4 PCB, single-sided copper, with 100cm^2 copper pad area.

3. Mounted on a FR4 PCB, single-sided copper, mini pad.







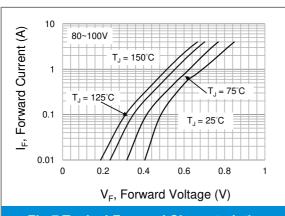
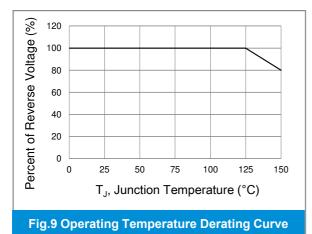
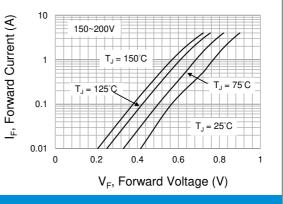


Fig.7 Typical Forward Characteristics

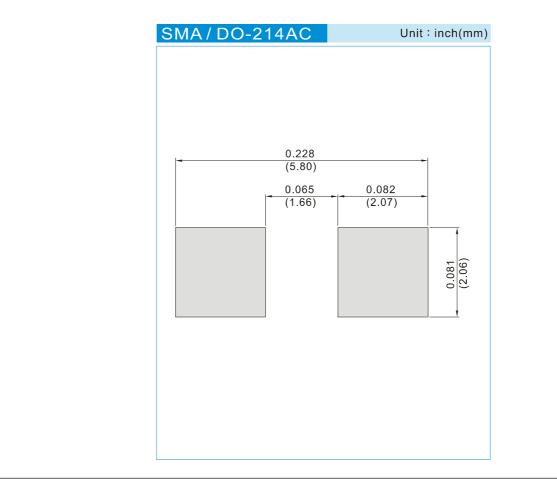








MOUNTING PAD LAYOUT



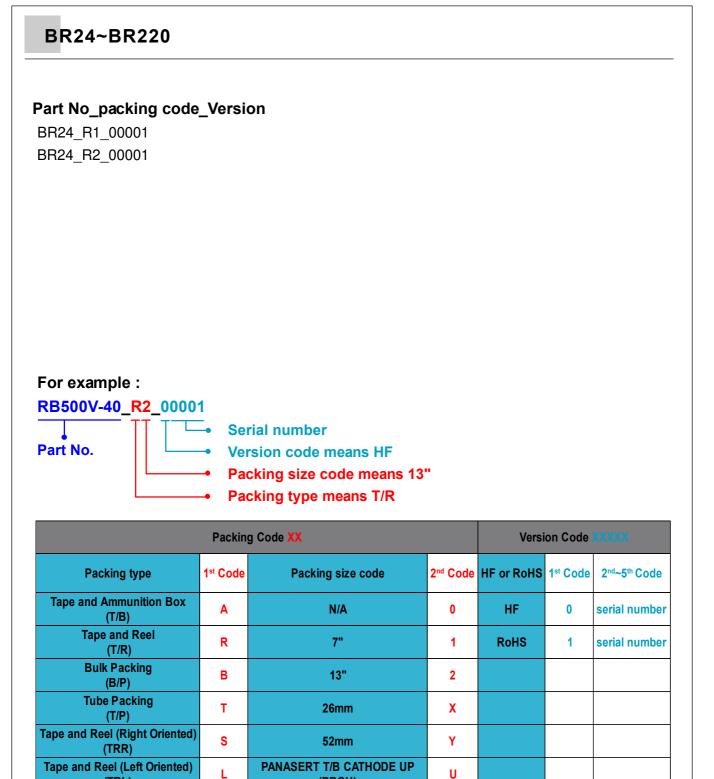
ORDER INFORMATION

Packing information

T/R - 7.5K per 13" plastic Reel

T/R - 1.8K per 7" plastic Reel





(PBCU) PANASERT T/B CATHODE DOWN

(PBCD)

D

(TRL)

FORMING

F



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