

MAXIMUM RATING AND ELECTRICAL CHARACTERISTICSS

Ratings at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load.

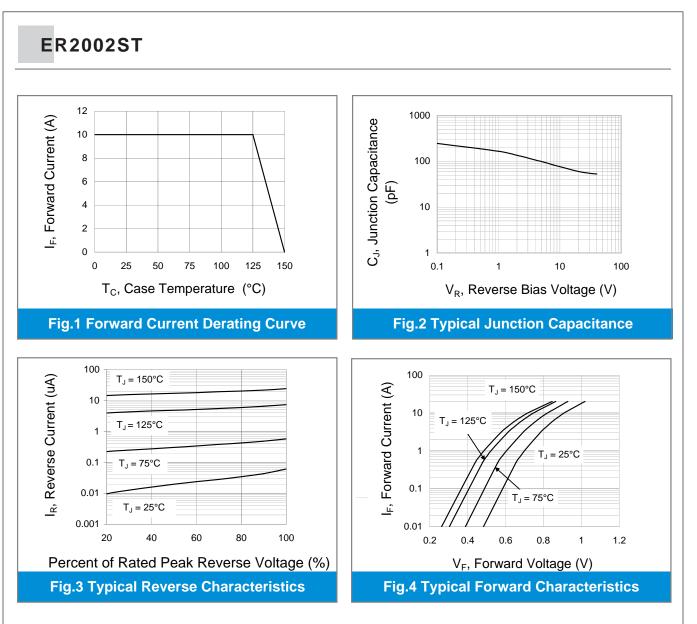
For capacitive load, derate current by 20%

PARAMETER		SYMBOL	VALUE	UNITS
Maximum Recurrent Peak Reverse Voltage		V _{RRM}	200	V
Maximum RMS Voltage		V _{RMS}	140	V
Maximum DC Blocking Voltage		V _{DC}	200	V
Maximum Average Forward Current	per device per diode	I _{F(AV)}	20 10	А
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load (JEDEC method)	per diode	I _{FSM}	150	А
Maximum Forward Voltage at 10A	per diode	V _F	1	V
Maximum DC Reverse Current at Rated DC Blocking Voltage	per diode	I _R	10	μΑ
Maximum Reverse Recovery Time (Note 1)		t _{rr}	25	ns
Typical Thermal Resistance (Note 2)	per diode	R _{eJC}	2	°C / W
Operating Junction and Storage Temperature Range		T_J,T _{STG}	-55 to +150	°C

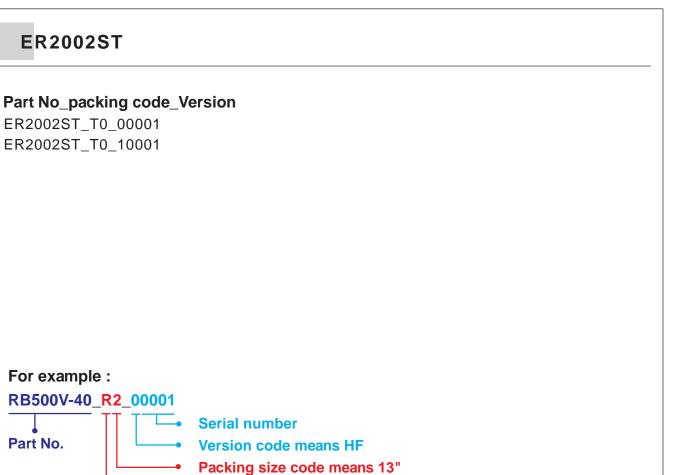
NOTES:

1. Reverse Recovery Test Conditions: I_F=.5A, I_R=1A, Irr=.25A.

2. Semi-infinite heatsink.







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 ~5 th Code
Tape and Ammunition Box (T/B)	Α	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			





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