Schottky barrier diode RB215T-90

Applications

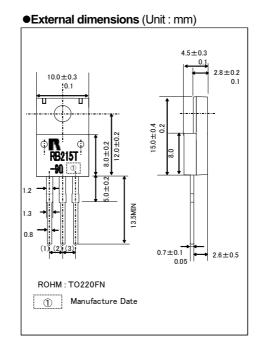
General rectification (Common cathode dual chip)

● Features

- Small power mold type. (PMDU)
- 2) Low IR
- 3) High reliability

Construction

Silicon epitaxial planar





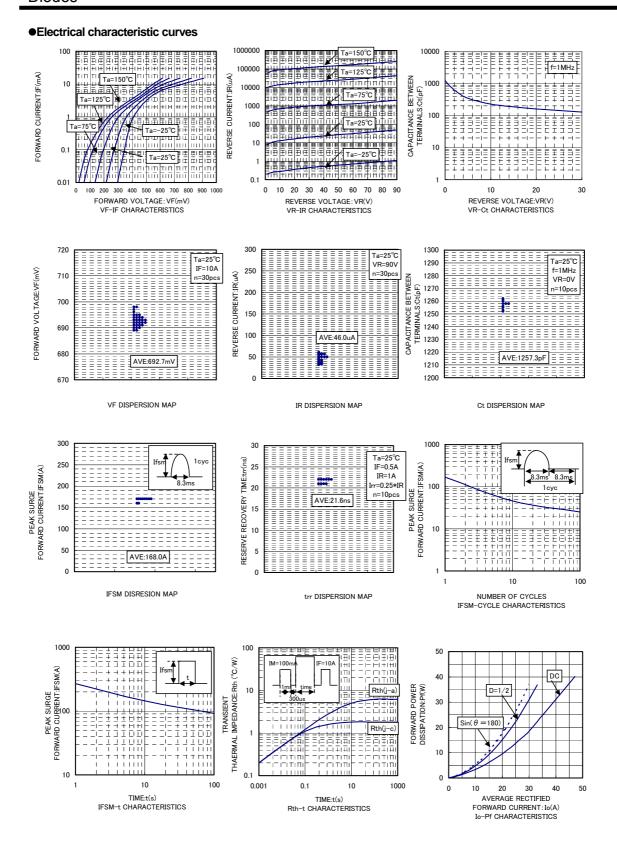
● Absolute maximum ratings (Ta=25°C)

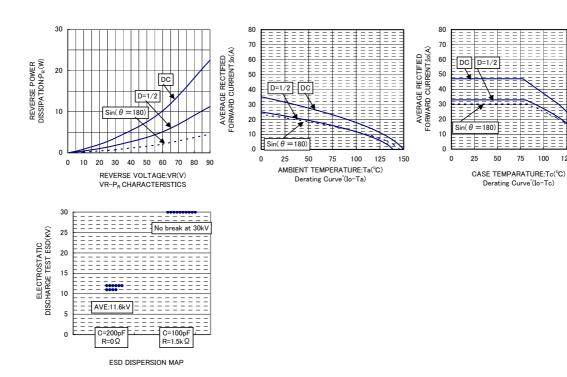
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	90	V
Reverse voltage (DC)	V_R	90	V
Average rectified forward current (*1)	lo	20	Α
Forward current surge peak (60Hz · 1cyc) (*1)	I _{FSM}	100	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +150	°C

^(*1)Tc=100°Cmax Per chip: lo/2

●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward characteristics	V_{F}	-	-	0.75	V	I _F =10A
Reverse characteristics	I_R	-	-	400	μA	V _R =90V
Thermal impedance	θјс	-	-	1.75	°C/W	junction to case





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