Schottky barrier diode RB095B-60

Applications

General rectification

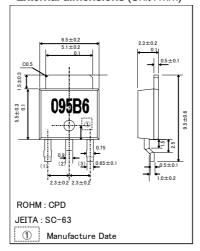
● Features

- 1) Power mold type. (CPD3)
- 2) Low V_F
- 3) High reliability

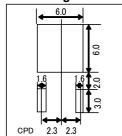
Construction

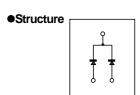
Silicon epitaxial planar

●External dimensions (Unit : mm)

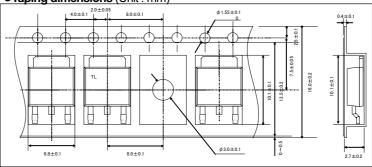


●Land size figure









● Absolute maximum ratings (Ta=25°C)

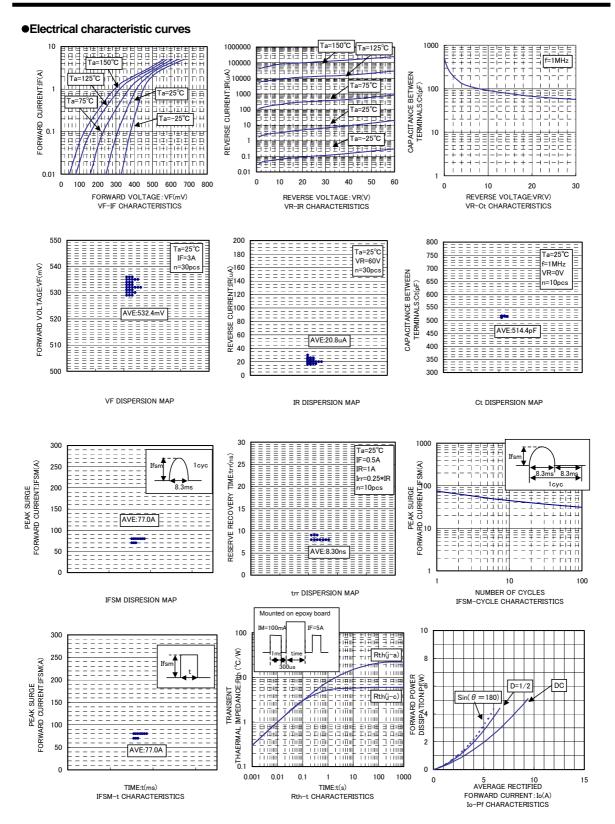
3 (1 1)			
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	60	V
Reverse voltage (DC)	V_R	60	V
Average rectified forward current (*1)	lo	6	Α
Forward current surge peak (60Hz-1cyc) (*1)	I _{FSM}	45	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +150	°C

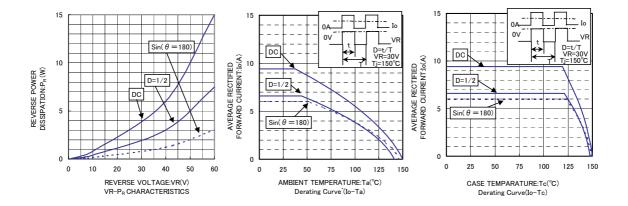
(*1) Rating of per diode : Io/2

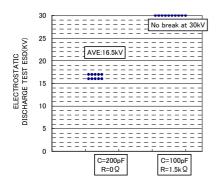
●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	1	-	0.58	V	I _F =3.0A
Reverse current	I_R	1	-	300	μA	V _R =60V
Thermal impedance	θјс	1	1	6.0	°C/W	junction to case

Rev.B







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