

Schottky Barrier Diode

RB095B-60

Applications

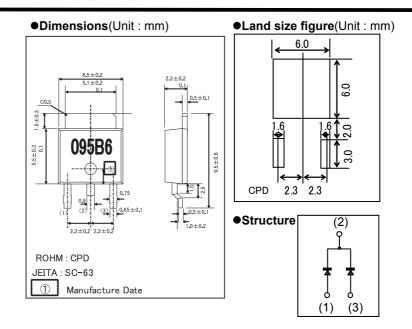
General rectification

•Features 1) Power mold type. (CPD3) 2) Low V_F

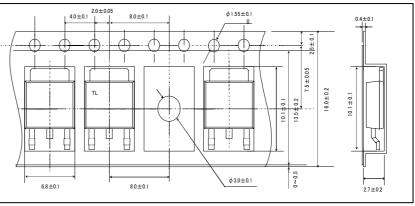
3) High reliability

Construction

Silicon epitaxial planar



Taping dimensions(Unit : mm)



●Absolute maximum ratings (Ta=25°C)

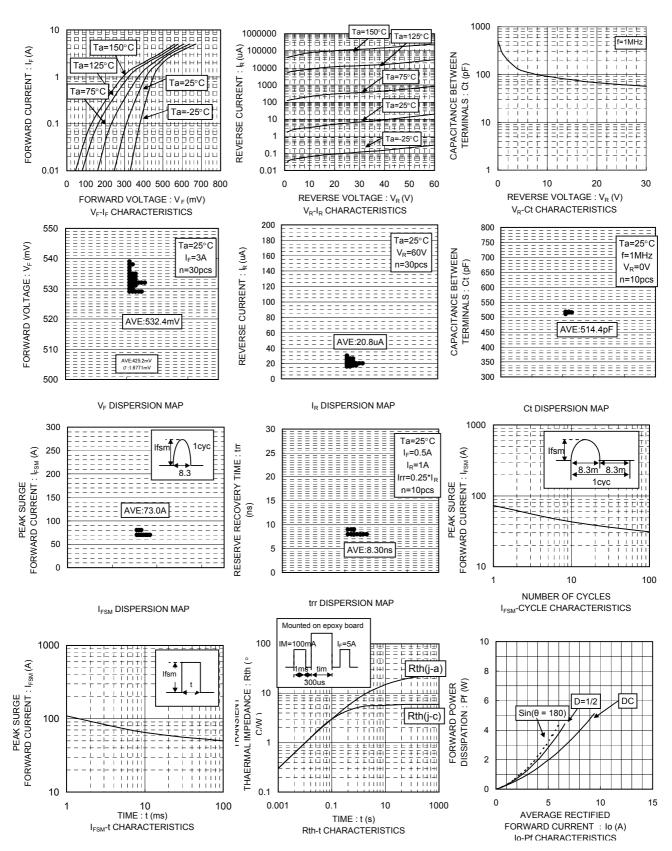
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	60	V
Reverse voltage (DC)	V _R	60	V
Average rectified forward current (*1)	lo	6	А
Forward current surge peak(60Hz-1cyc)(*1)	I _{FSM}	45	А
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +150	°C

(*1) Business frequencies, Rating of R-load, 1/2 lo per diode, Tc=112°C

•Electrical characteristic (Ta=25°C)

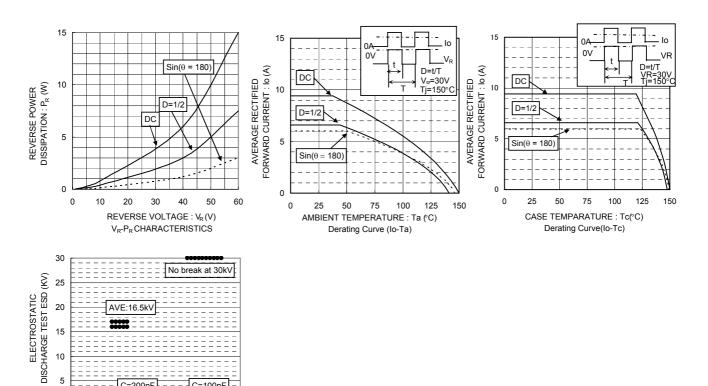
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	0.58	V	I _F =3.0A
Reverse current	I _R	-	-	300	μA	V _R =60V
Thermal impedance	θјс	-	-	6.0	°C/W	junction to case

Electrical charcteristics curves



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ESD DISPERSION MAP

C=200pF

R=0Ω

C=100pF R=1.5kΩ

	Notes
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