

Schottky Barrier Diode

RB160L-90

Applications

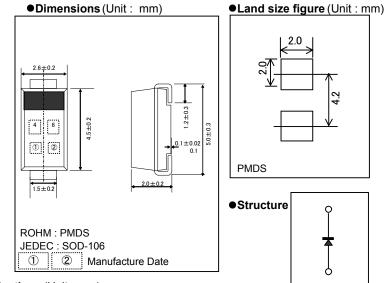
General rectification

Features

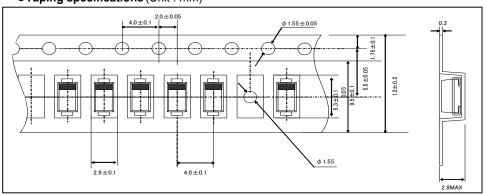
- 1)Small power mold type. (PMDS)
- 2) Low I_{R.}
- 3)High reliability

Construction

Silicon epitaxial planer



●Taping specifications (Unit : mm)



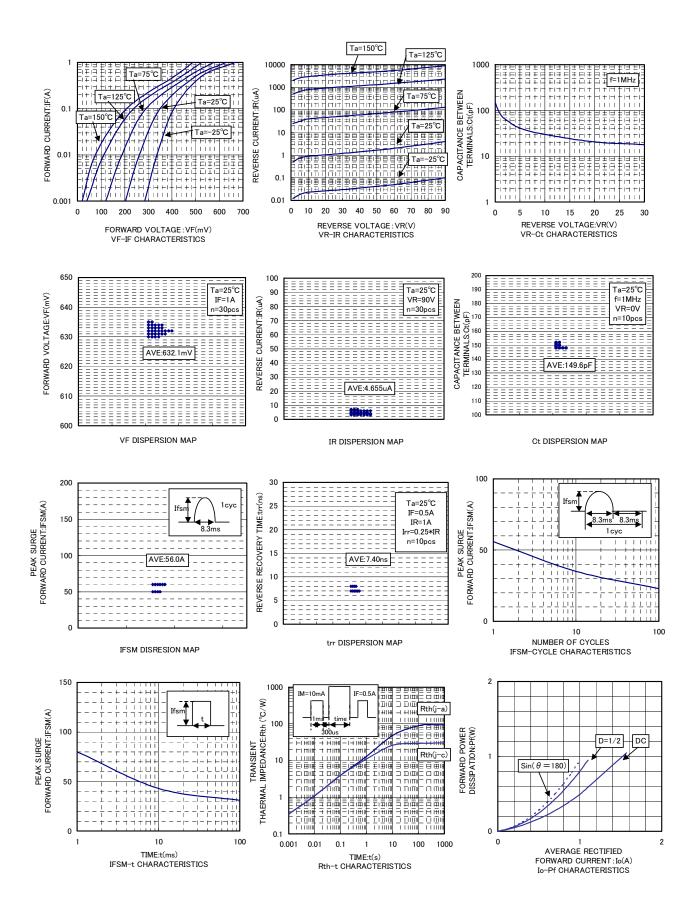
● Absolute maximum ratings (Ta=25°C)

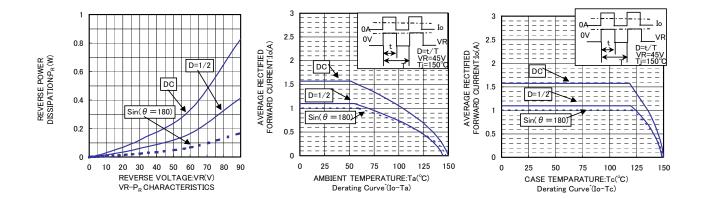
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V_{RM}	95	V
Reverse voltage (DC)	V_R	90	V
Average rectified forward current	lo	1	Α
Forward current surge peak (60Hz • 1cyc)	I _{FSM}	30	Α
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-40 to +150	°C

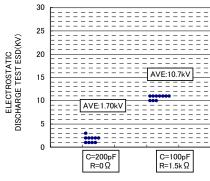
^(*1)Mounting on epoxy board. 180°Half sine wave

●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	=	-	0.73	V	I _F =1.0A
Reverse current	I _R	-	-	100	μA	V _R =90V







ESD DISPERSION MAP

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