Data Sheet



Schottky Barrier Diode RB090MS-30

•Applications General rectification

1)Small power mold type.

Features

(MPD6)

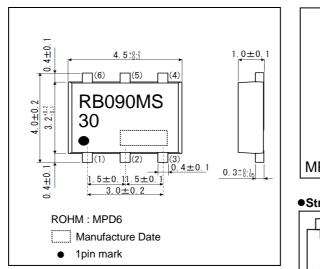
3)High reliability

Construction

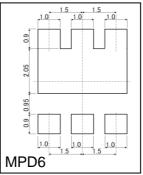
Silicon epitaxial

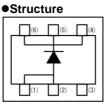
2)Low VF

●External Dimensions(Unit : mm)

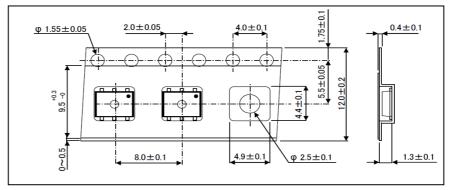


•Land size figure(Unit : mm)





•Taping specifications(Unit : mm)



●Absolute Maximum Ratings(Ta=25°C)

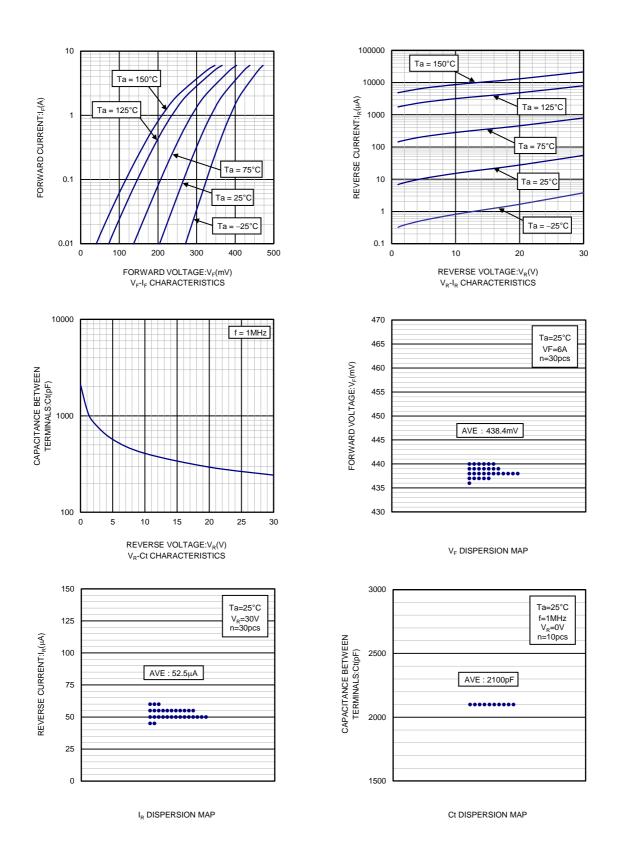
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive)	V_{RM}	30	V
Reverse voltage (DC)	V _R	30	V
Average rectified forward current	lo	6	А
Forward current surge peak (60Hz·1cyc)	I _{FSM}	30	А
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

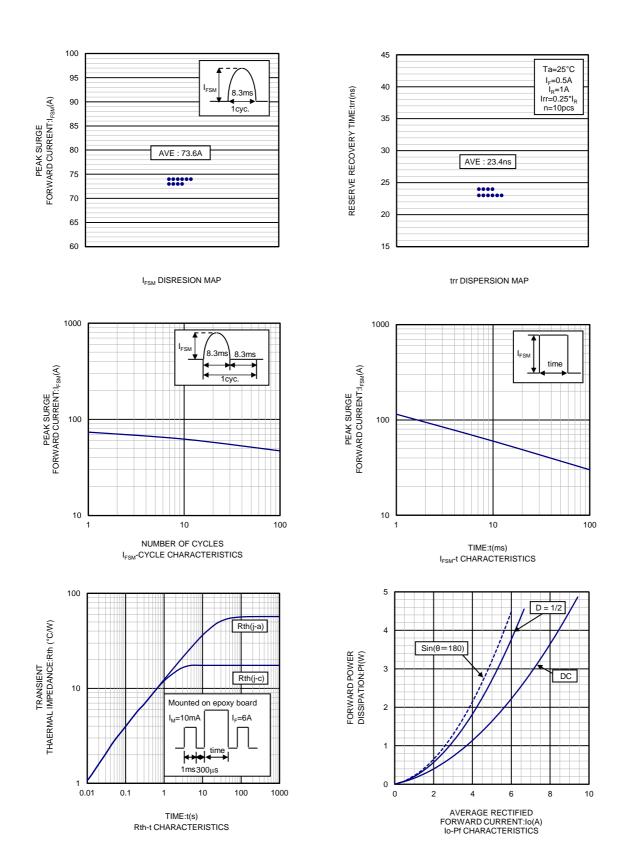
(*1)Mounting on epoxi board. 180°Half sine wave

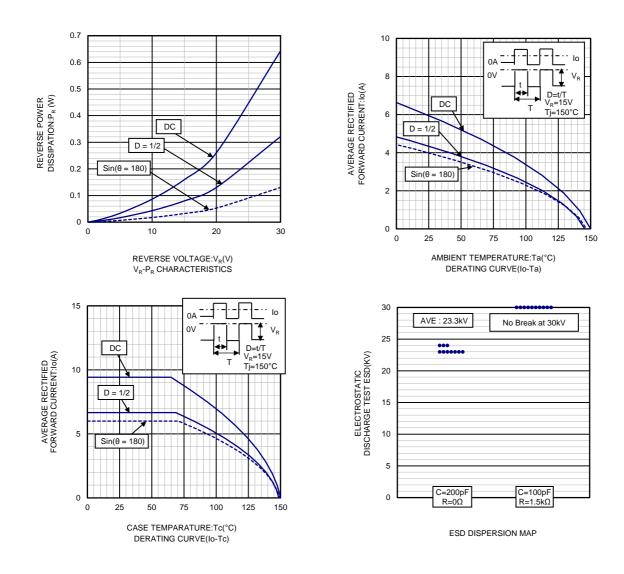
•Electrical Characteristics(Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	_	_	0.55	V	I _F =6.0A
Reverse current	I _R	-	-	200	μΑ	V _R =30V

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