Schottky barrier diode RB480Y-90

Applications

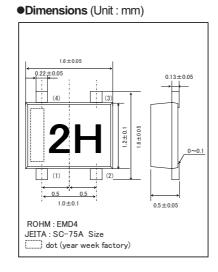
Low current rectification

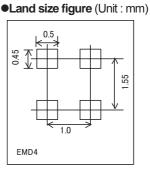
Features

1) Ultra small mold type. (EMD4) 2) Low V⊧ 3) High reliability

Construction

Silicon epitaxial planar

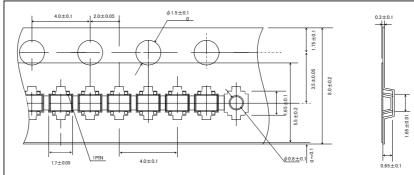








•Taping dimensions (Unit : mm)



•Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V_{RM}	90	V
Reverse voltage (DC)	V _R	90	V
Average rectified forward current (*1)	lo	100	mA
Forward current surge peak (60Hz · 1cyc) (*1)	I _{FSM}	1	A
Junction temperature	Tj	125	С°
Storage temperature	Tstg	-40 to +125	C°

(*1) Rating of per diode

●Electrical characteristic (Ta=25°C)

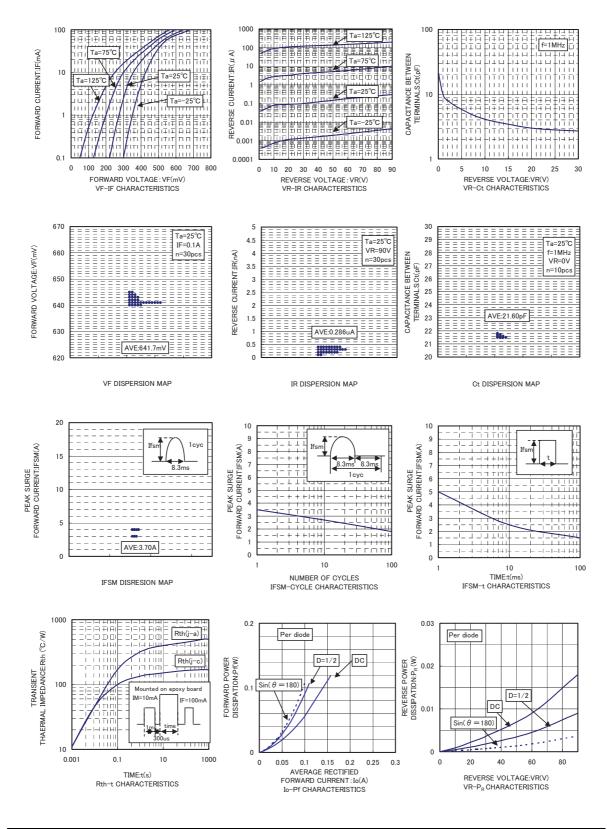
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	0.64	0.69	V	I _F =100mA
Reverse current	I _R	-	0.3	5	μA	V _R =90V



1/3

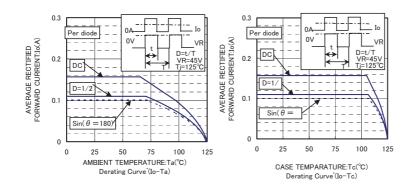
Diodes

Electrical characteristic curves



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Rev.C



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