Schottky barrier diode RB050LA-30

Applications

General rectification

● Features

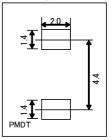
- 1) Small and Thin power mold type (PMDT)
- 2) Low IR
- 3) High reliability

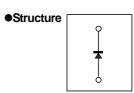
Structure

Silicon Epitaxial Planer

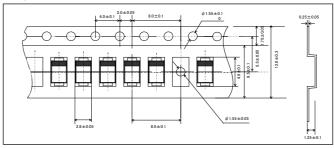
●External dimensions (Unit:mm) 2.6±0.1 1.5±0.1 0.19 0.19 0.00 1.5±0.1 0.00

●Land size figure





● Taping dimensions (Unit: mm)



● Absolute maximum ratings (Ta=25°C)

Symbol	Limits	Unit
V_{RM}	30	V
V_R	30	V
lo	3	Α
I_{FSM}	70	Α
Tj	150	°C
Tstg	-55 to +150	°C
	$\begin{array}{c} V_{RM} \\ V_{R} \\ Io \\ I_{FSM} \\ Tj \end{array}$	V _{RM} 30 V _R 30 Io 3 I _{FSM} 70 Tj 150

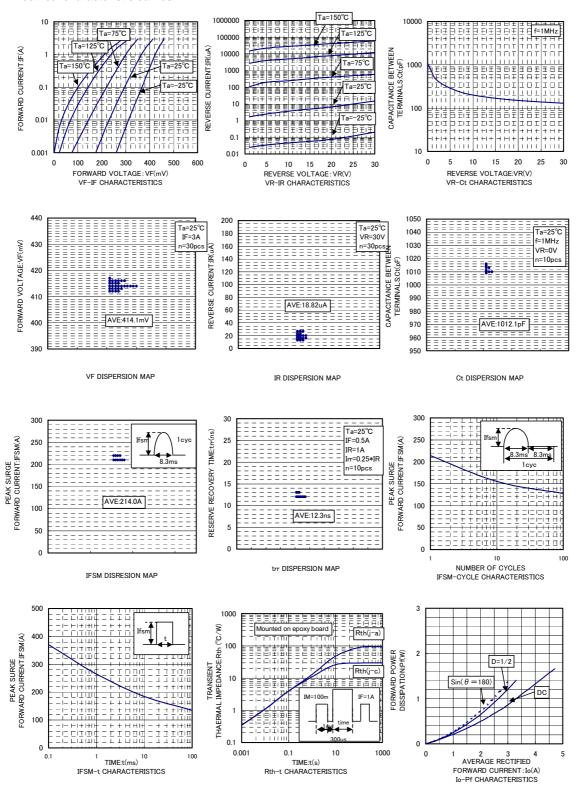
^(*1)Tc=90°Cmax Mounted on epoxy board. 180°Half sine wave

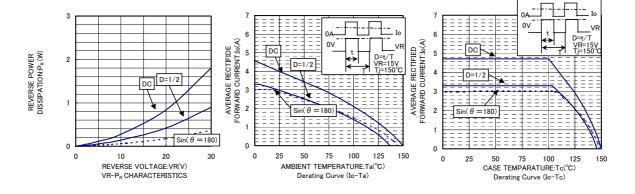
●Electrical characteristic (Ta=25°C)

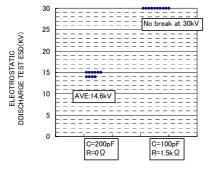
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.45	V	I _F =3.0A
Reverse current	I _R	-	-	150	μΑ	V _R =30V



●Electrical characteristic curves







ESD DISPERSION MAP

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