Schottky Barrier Diode

RB520ZS-30

Applications

General rectification

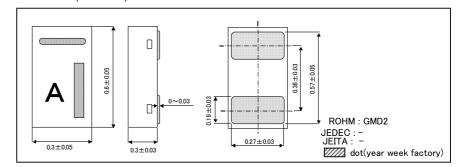
● Features

- 1) Ultra small mold type.(GMD2)
- 2) Low IR
- 3) High reliability

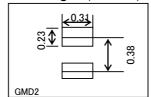
Construction

Silicon epitaxial planar

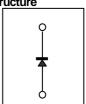
●Dimensions (Unit: mm)



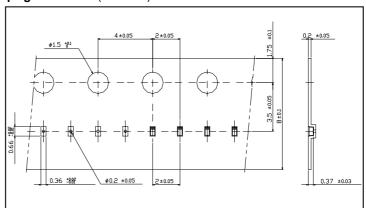
●Land size figure (Unit : mm)



●Structure



● Taping dimensions (Unit: mm)



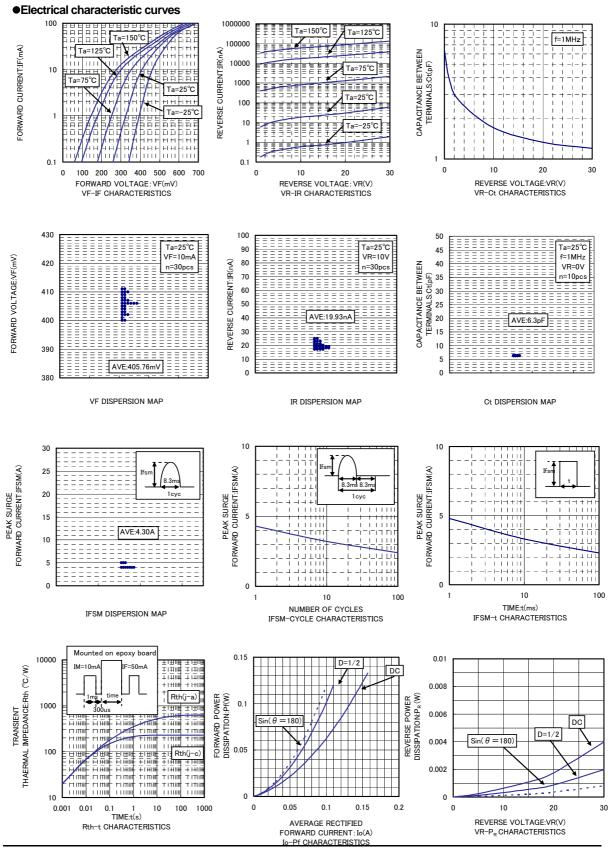
● Absolute maximum ratings (Ta=25°C)

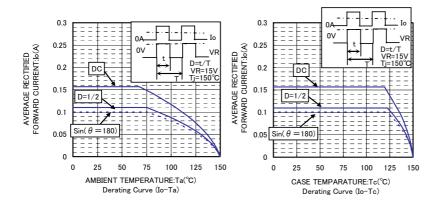
Parameter	Symbol	Limits	Unit			
Reverse voltage (DC)	V_R	30	V			
Average rectified forward current	lo	100	mA			
Forward current surge peak (60Hz-1cyc)	I _{FSM}	500	mA			
Junction temperature	Tj	150	°C			
Storage temperature	Tstg	-40 to +150	°C			

●Electrical characteristic (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	0.46	V	I _F =10mA
Reverse current	I_R	-	-	0.3	μA	V _R =10V







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