

Schottky Barrier Diode

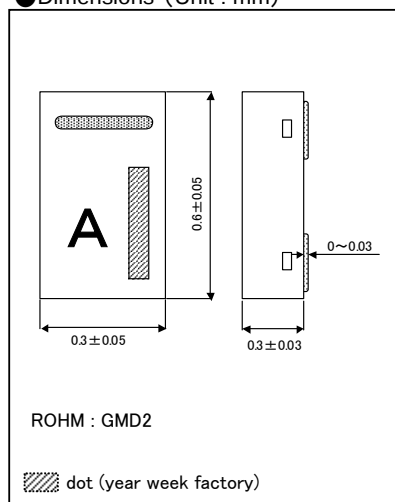
RB520ZS-30

- Applications
General rectification

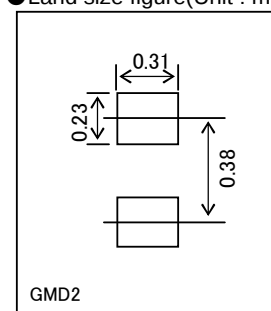
- Features
1) Ultra small mold type. (GMD2)
2) Low IR
3) High reliability

- Construction
Silicon epitaxial

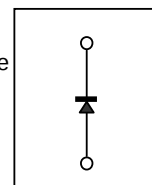
● Dimensions (Unit : mm)



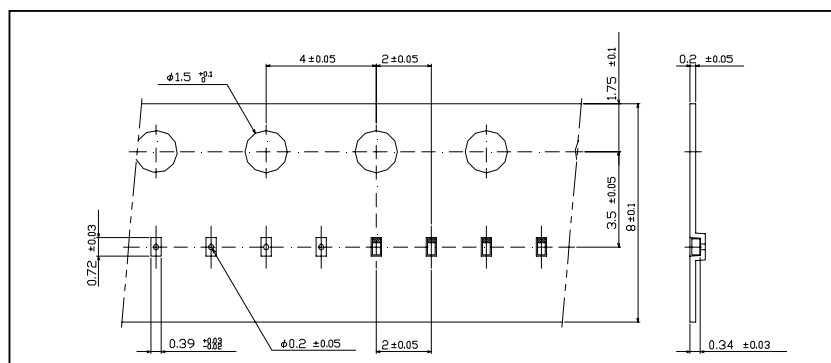
● Land size figure(Unit : mm)



● Structure



● Taping specifications (Unit : mm)



● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	30	V
Average rectified forward current	I_o	100	mA
Forward current surge peak (60Hz·1cyc)	I_{FSM}	500	mA
Junction temperature	T_j	150	°C
Storage temperature	T_{stg}	-40 to +150	°C

● Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	0.46	V	$I_F=10\text{mA}$
Reverse current	I_R	-	-	0.3	μA	$V_R=10\text{V}$

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