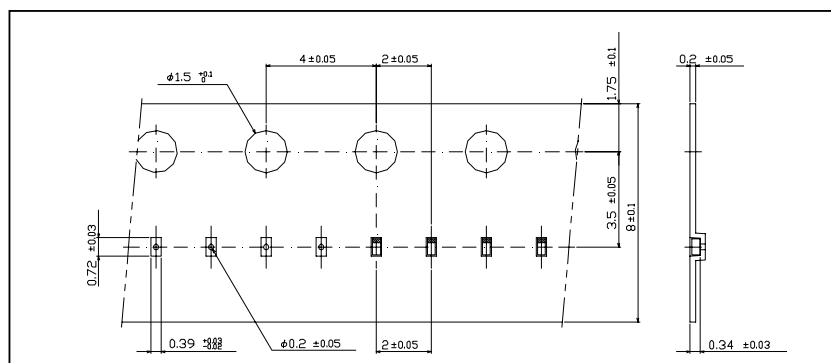
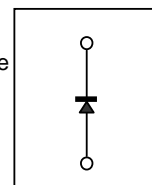
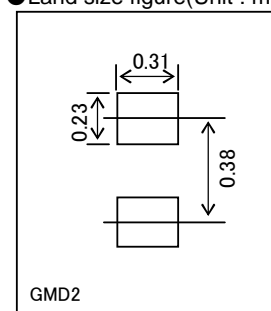
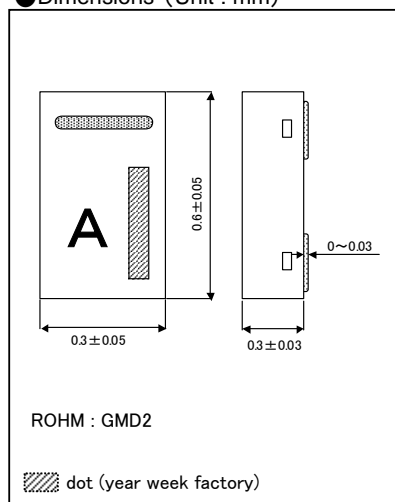


# RB520ZS-30

## General rectification

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

Silicon epitaxial



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	$T_{sta}$	-40 to +150	°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	$\mu\text{A}$	$V_R=10\text{V}$

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