

PIN diode

RN262CS

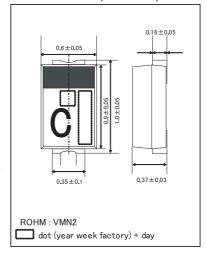
Applications

High frequency switching

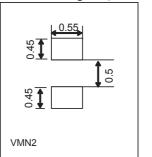
● Features

- 1) Ultra small mold type. (VMN2)
- 2) Low high-frequency forward resistance / low capacitance (CT).

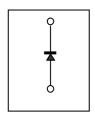
●Dimensions (Unit: mm)



●Land size figure (Unit : mm)



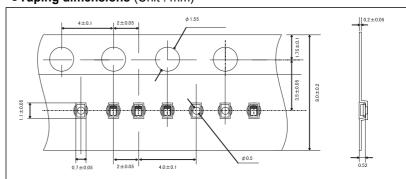
●Structure



● Construction

Silicon epitaxial planar

●Taping dimensions (Unit : mm)



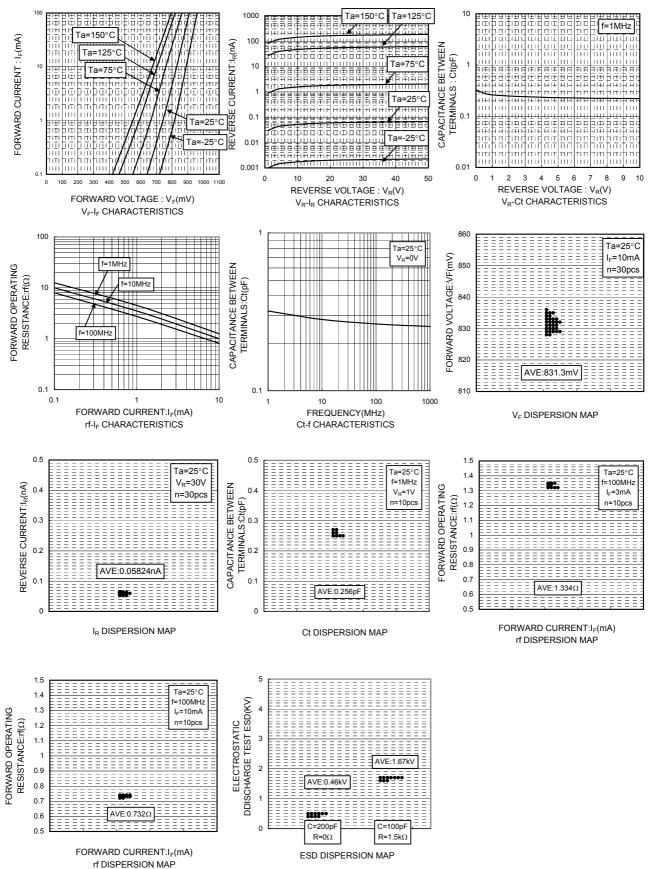
●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol Limits		Unit
Reverse voltage	V_R	30	V
Forward current	I _F	100	mA
Power dissipation	P_d	100	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V_{F}	-	-	1	V	I _F =10mA
Reverse current	I _R	-	-	0.1	μA	V _R =30V
Capacitance between terminals	Ct	-	-	0.4	pF	V _R =1V , f=1MHz
High frequency resistance	Rf	-	-	2.8	Ω	I _F =3mA,f=100MHz
		-	-	1.5	Ω	I _F =10mA,f=100MHz

Electrical characteristics curves



Notes

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