PIN diode

RN242CS

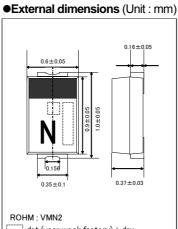
•Application High frequency switching

Features

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

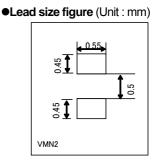
Construction

Silicon epitaxial planer



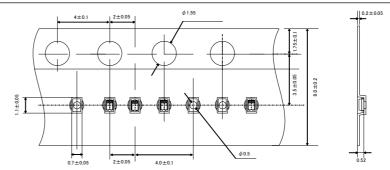
dot (year week factory) + day

•Taping dimensions (Unit : mm)



Structure





●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit				
Reverse voltage (DC)	V _R	30	V				
Forward current	I _F	100	mA				
Junction temperature	Tj	150	С°				
Storage temperature	Tstg	-55 to +150	°C				

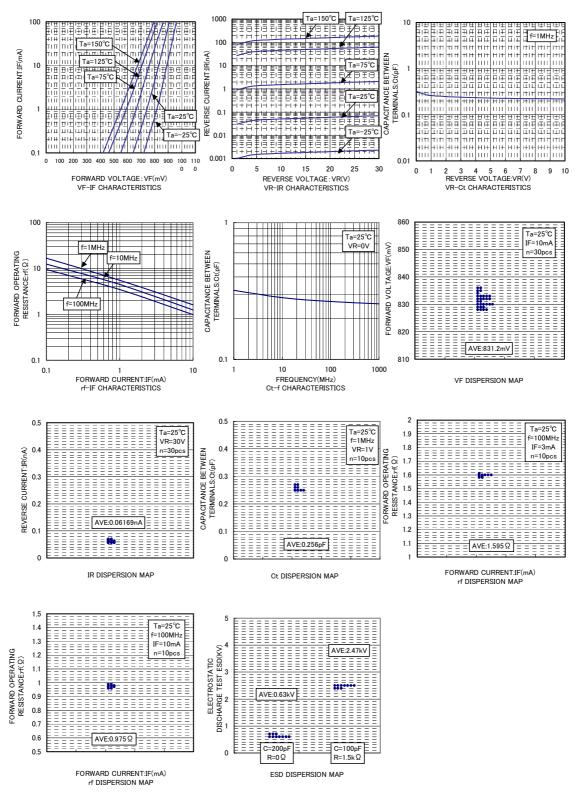
•Electrical characteristics (Ta=25°C)

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	-	-	0.35	pF	V _R =1V , f=1MHz
High frequency resistance	Rf	-	-	3	Ω	I _F =3mA,f=100MHz
		-	-	1.5	Ω	I _F =10mA,f=100MHz



Diodes





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Rev.A

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