PIN diode

RN141G

●**Applications**

High frequency switching

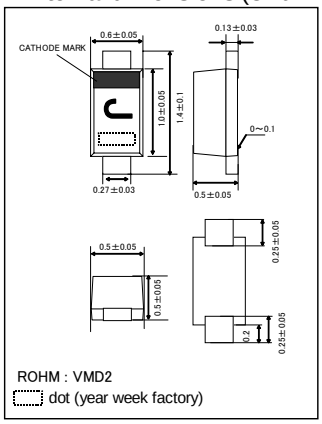
●**Features**

1) Ultra small mold type. (VMD2)
2) High frequency resistance is very small.

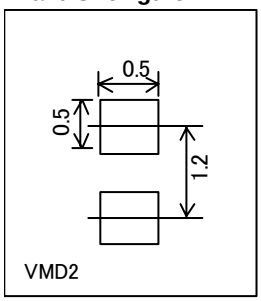
●**Construction**

Silicon epitaxial planer

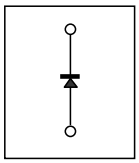
●**External dimensions** (Unit : mm)



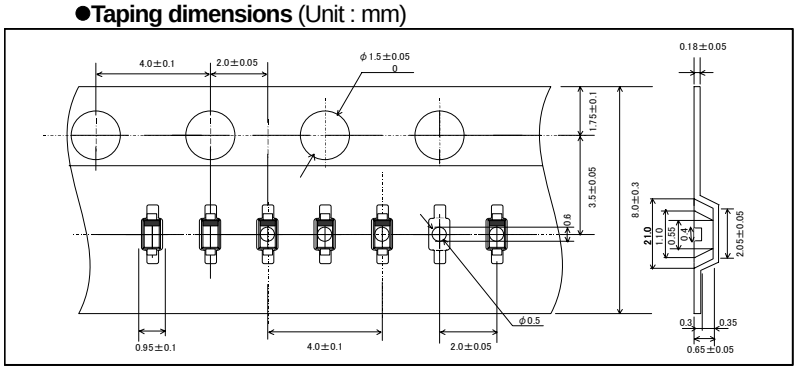
●**Land size figure**



●**Structure**



●**Taping dimensions** (Unit : mm)



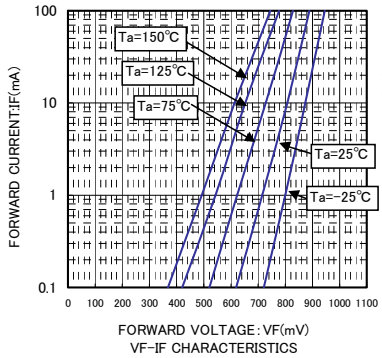
●**Absolute maximum ratings** (Ta=25°C)

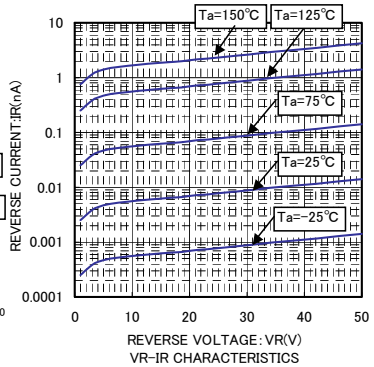
Parameter	Symbol	Limits	Unit
Reverse voltage	V_R	50	V
Forward current	I_F	100	mA
Junction temperature	Tj	150	℃
Storage temperature	Tstg	-55 to +150	℃

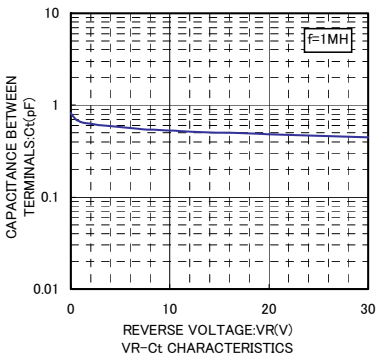
●**Electrical characteristic** (Ta=25°C)

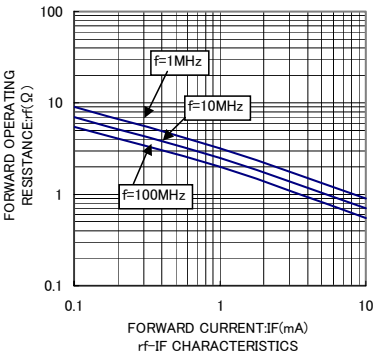
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V_F	-	-	1	V	I_F=10mA
Reverse current	I_R	-	-	0.1	μA	V_R=50V
Capacitance between terminals	Ct	-	-	0.8	pF	V_R=1V , f=1MHz
High frequency resistance	Rf	-	-	2	Ω	I_F=3mA,f=100MHz

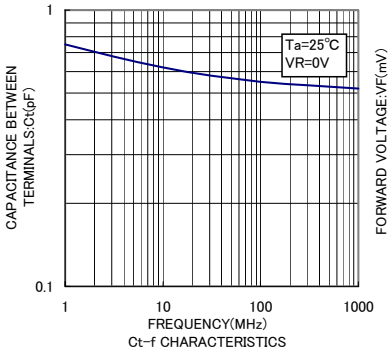
●Electrical characteristic curves

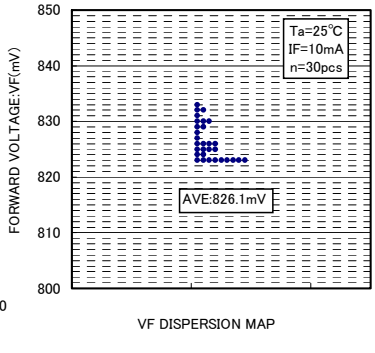


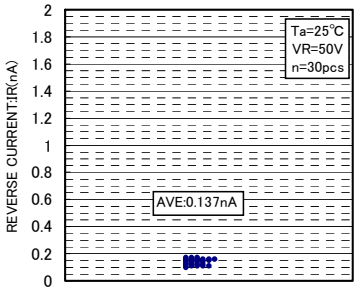


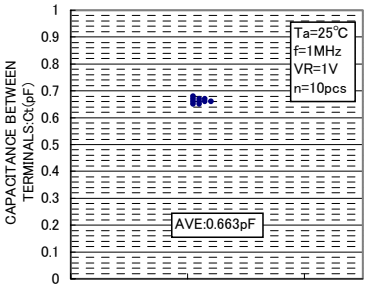


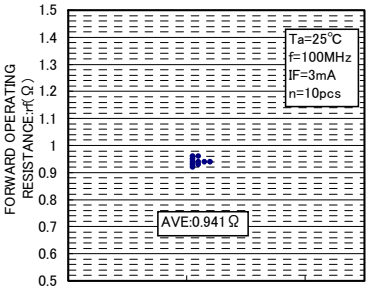


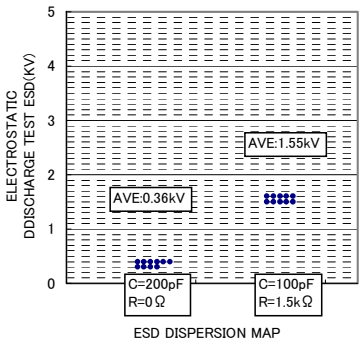












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