

# PIN diode

### **RN779D**

#### Applications

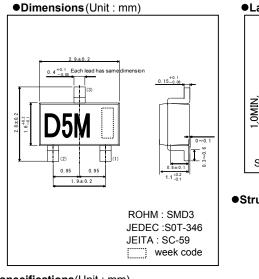
Attenuator

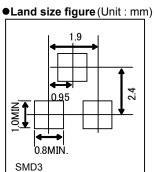
#### ● Features

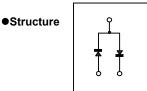
- 1) Small mold type. (SMD3)
- 2) High reliability.

#### Construction

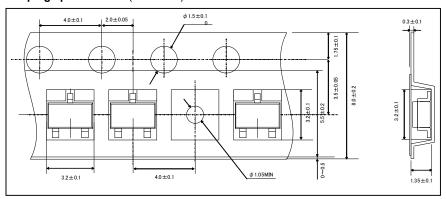
Silicon diffused junction







#### ●Taping specifications(Unit:mm)

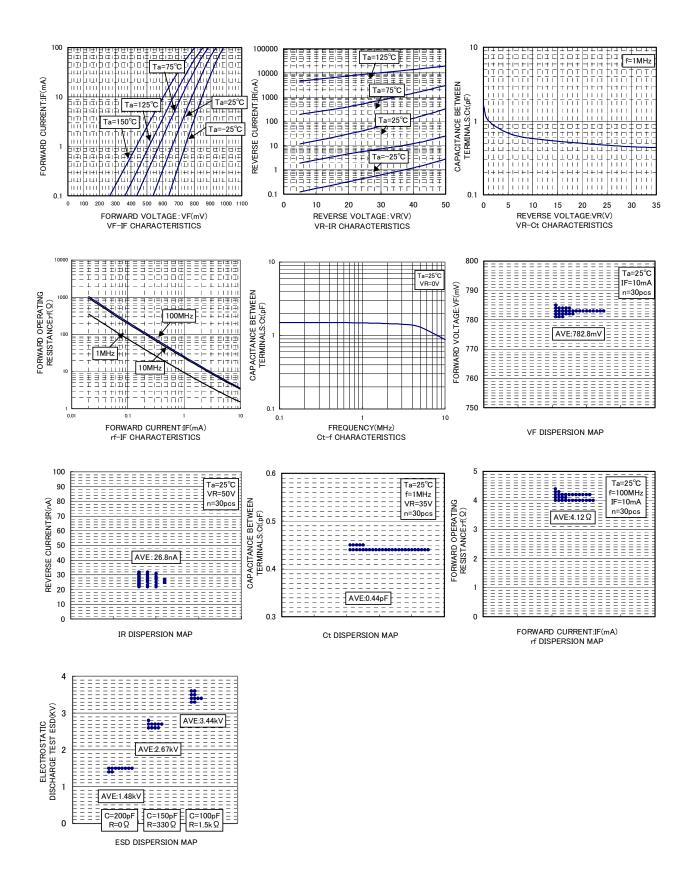


●Absolute maximum ratings(Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	$V_R$	50	V
Reverse current (DC)	I <sub>F</sub>	50	mA
Junction temperature	Tj	150	°C
Storage temperature	Tstg	−55 to +150	°C

#### ●Electrical characteristics(Ta=25°C)

*Electrical characteristics (1a 25 6)							
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions	
Forward voltage	$V_F$	-	-	1.0	V	I <sub>F</sub> =10mA	
Reverse current	I <sub>R</sub>	-	-	100	nA	V <sub>R</sub> =50V	
Capacitance between terminals	Ct	-	-	0.9	pF	V <sub>R</sub> =35V , f=1MHz	
High frequency resistance	Rf	-	-	7.0	Ω	I <sub>F</sub> =10mA, f=100MHz	



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