

## **Band Switching Diode**

#### **DAP236U**

#### Applications

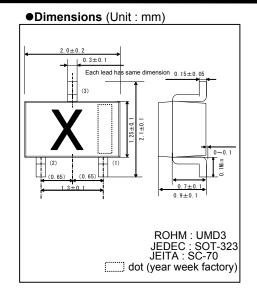
High frequency switching

#### Features

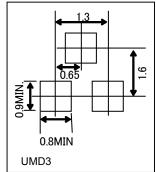
1)Ultra small mold type. (UMD3) 2)High reliability

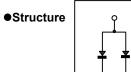
#### **●**Construction

Silicon epitaxial planar

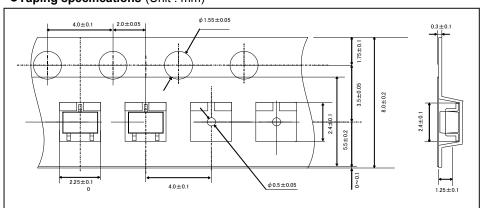


# ●Land size figure (Unit : mm)





#### ●Taping specifications (Unit : mm)

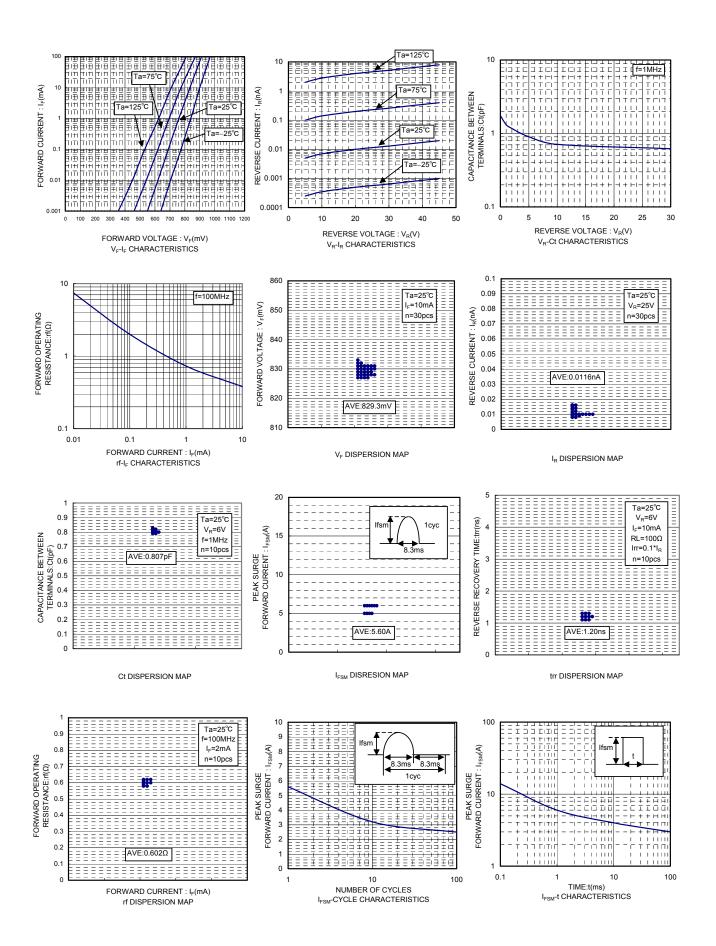


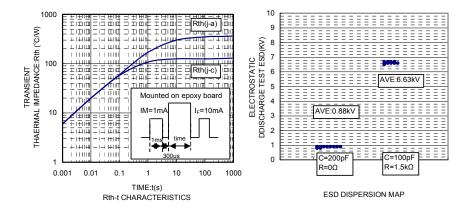
#### ● Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation	Pd	150	mW
Reverse voltage (DC)	$V_R$	35	V
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55 to +125	°C

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

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>	-	-	10	nA	V <sub>R</sub> =25V	
Capacitance between terminals	Ct	-	-	1.2	pF	V <sub>R</sub> =6V , f=1MHz	
Forward operating resistance	rf	-	-	0.9	Ω	I <sub>F</sub> =2mA , f=100MHz	





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