

# **Band Switching Diode**

## **1SS356**

#### Applications

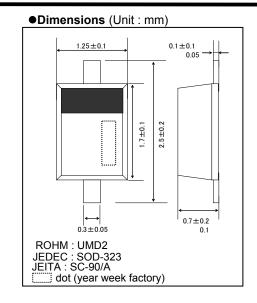
High frequency switching

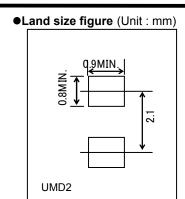
#### Features

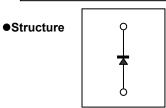
1)Ultra small mold type. (UMD2) 2)High reliability

#### **●**Construction

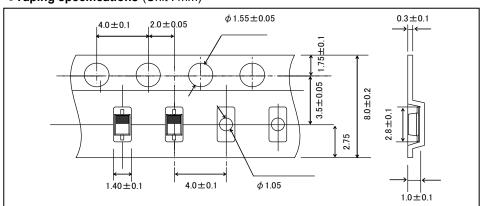
Silicon epitaxial planar







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

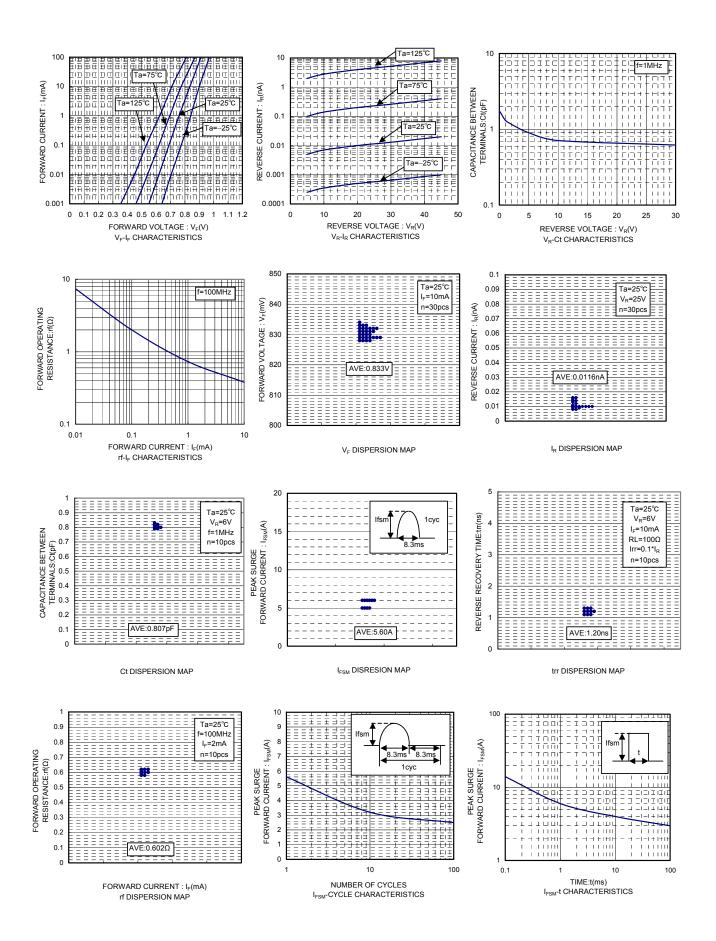


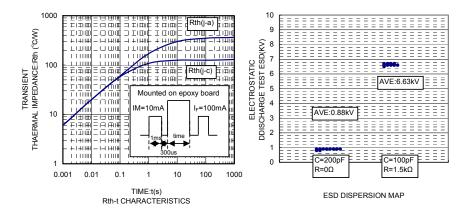
## ●Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Forward current (DC)	I <sub>F</sub>	100	mA
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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