

# Switching Diode

#### Applications

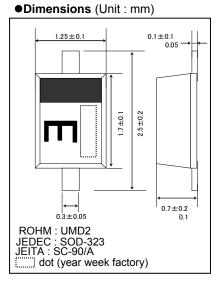
High speed switching

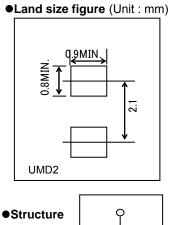
### Features

Construction

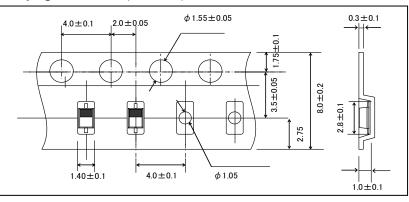
Silicon epitaxial planar

Ultra small mold type. (UMD2)
High reliability





#### •Taping dimensions (Unit : mm)

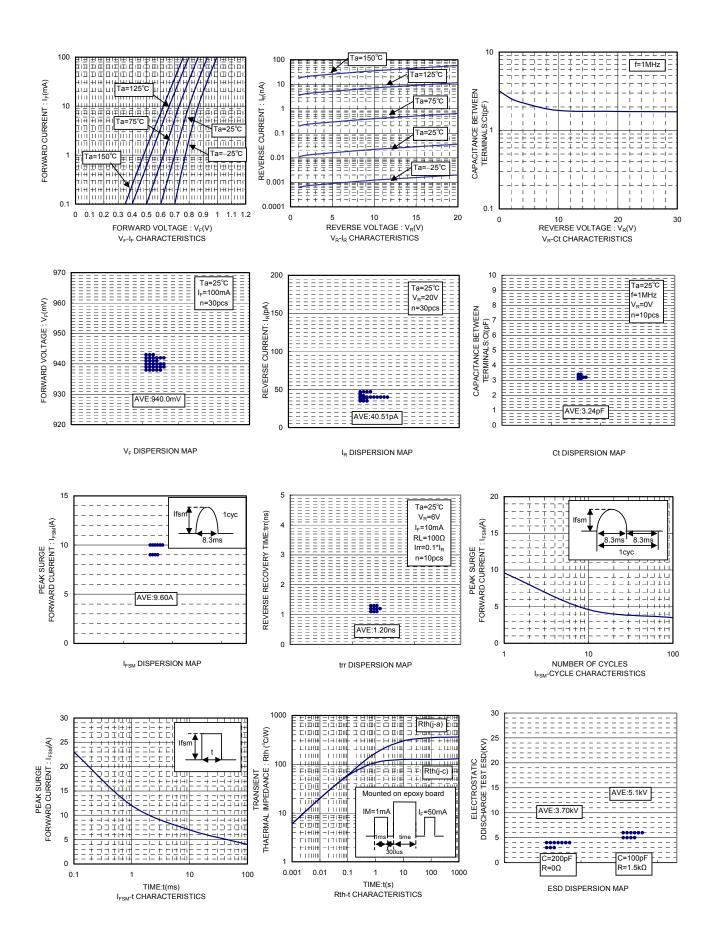


#### •Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V <sub>RM</sub>	40	V
Reverse voltage (DC)	V <sub>R</sub>	35	V
Forward current	I <sub>FM</sub>	225	mA
Average rectified forward current	lo	100	mA
Surge current (t=1s)	I <sub>surge</sub>	400	mA
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

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

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V <sub>F</sub>	-	-	1.2	V	I <sub>F</sub> =100mA
Reverse current	I <sub>R</sub>	-	-	0.01	μA	V <sub>R</sub> =20V
Capacitance between terminals	Ct	-	-	5.0	pF	V <sub>R</sub> =0.5V , f=1MHz



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