**Data Sheet** 

## Applications

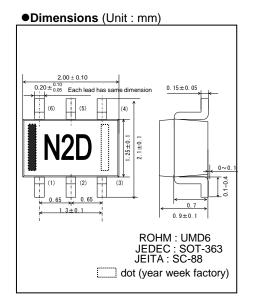
General switching

### Features

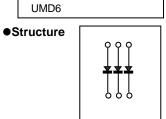
1)Small mold type. (UMD6)2)Low leakage

#### ●Construction

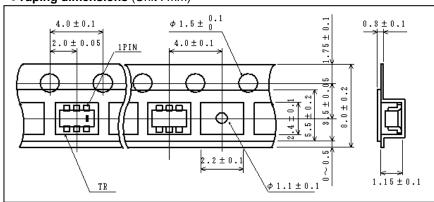
Silicon epitaxial planer



# •Land size figure (Unit : mm)



●Taping dimensions (Unit: mm)

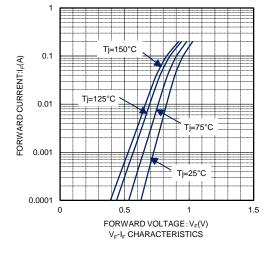


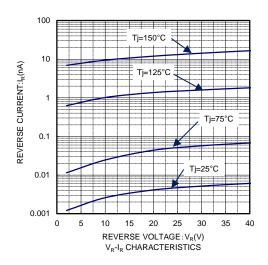
# ●Absolute maximum ratings (Ta=25°C)

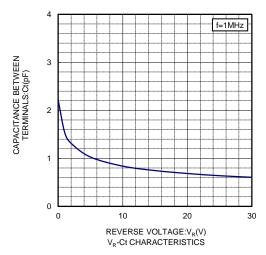
Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	$V_{RM}$	40	V
Reverse voltage (DC)	$V_R$	35	V
Forward current (repetitive peak)	I <sub>FM</sub>	225	mA
Average rectified forward current	lo	100	mA
Surge current (t=1sec)	I <sub>surge</sub>	400	mA
Junction temperature	Tj	150	°C
Storage temperature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

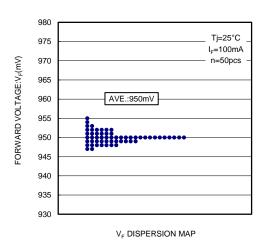
### ●Electrical characteristics (Ta=25°C)

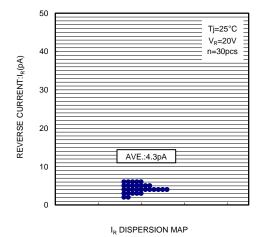
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	$V_{F}$	-	-	1.2	V	I <sub>F</sub> =100mA
Reverse current	I <sub>R</sub>	-	-	0.01	μA	V <sub>R</sub> =20V
Capacitance between terminals	Ct	-	-	5.0	pF	V <sub>R</sub> =0.5V , f=1.0MHz

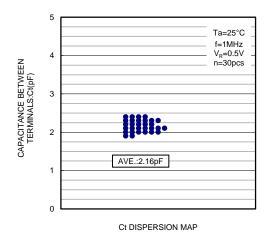


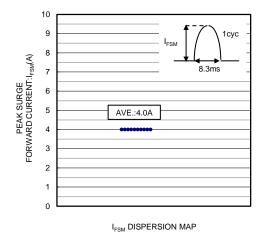


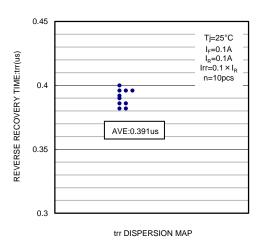


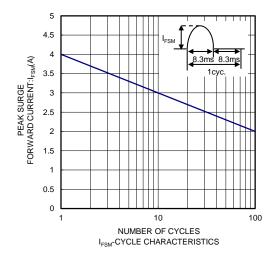


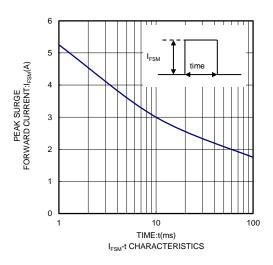


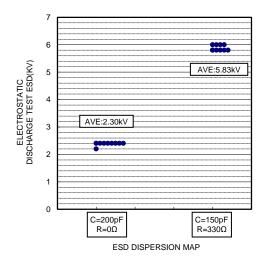


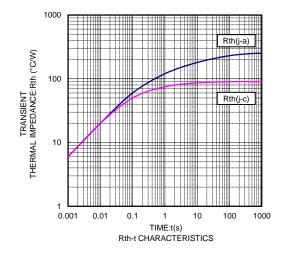


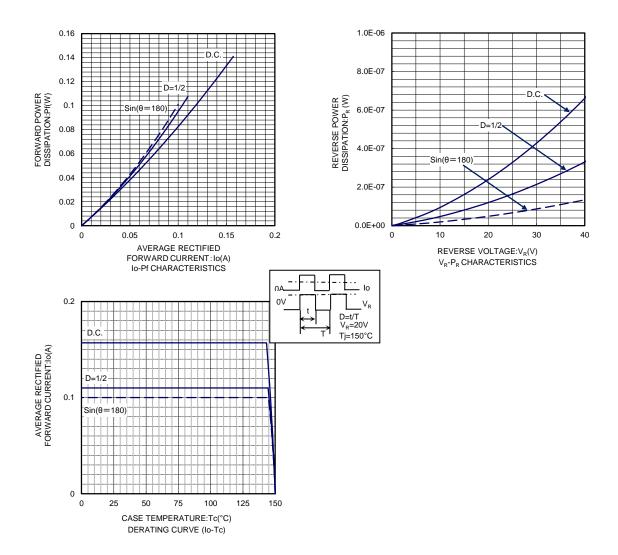












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