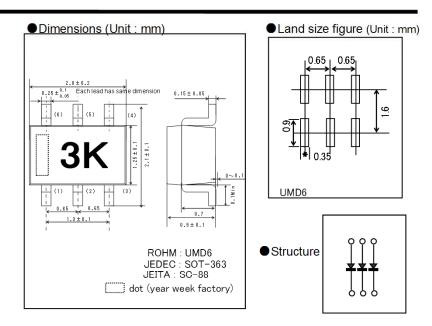


Schottky Barrier Diode

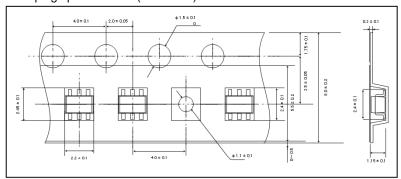
Applications

Rectify small power

- Features
- 1)Small mold type.(UMD6)
- 2)Low VF
- 3)High reliability
- ConstructionSilicon epitaxial



● Taping specifications (Unit: mm)



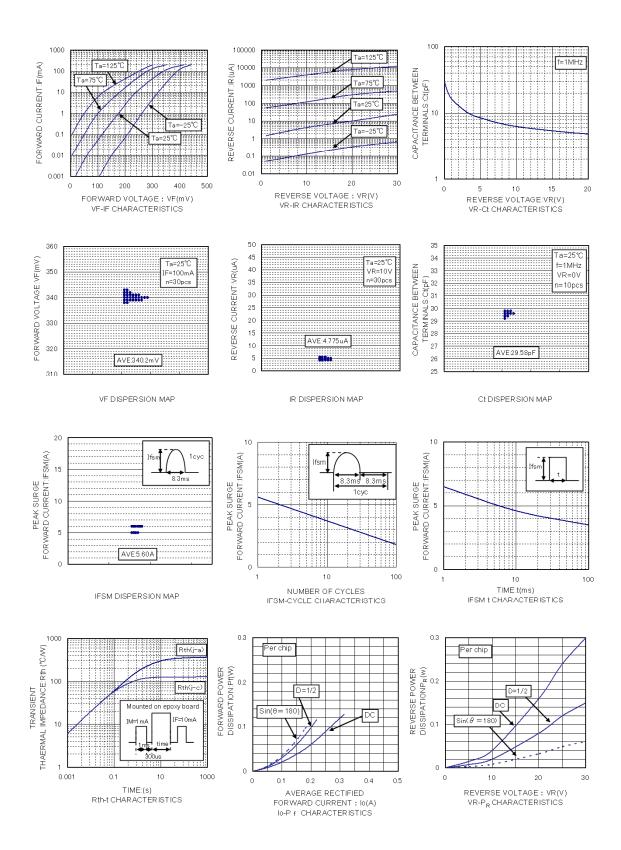
● Absolute maximum ratings (Ta=25°C)

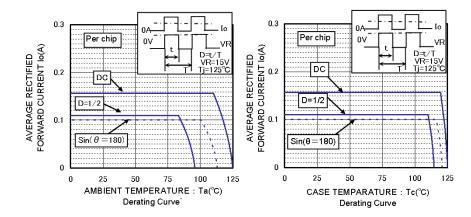
Parameter	Symbol	Limits	Unit
Reverse voltage (DC)	V_R	30	V
Average rectified forward current	lo	100	mA
Forward voltage surge peak (60Hz/1cyc)(*1)	I _{FSM}	1	Α
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-40 to +125	°C

^(*1) Rating of per diode

● Electical voltage (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F 1	-	-	0.30	V	I _F =10mA
	V _F 2	-	-	0.43	V	I _F =100mA
Reverse current	I _R	-	-	20	μΑ	V _R =10V





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- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors. Therefore, in order to prevent personal injury or fire arising from failure, please take safety measures such as complying with the derating characteristics, implementing redundant and fire prevention designs, and utilizing backups and fail-safe procedures. ROHM shall have no responsibility for any damages arising out of the use of our Poducts beyond the rating specified by ROHM
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