Switching diode

DA221M

•Application Ultra high speed switching

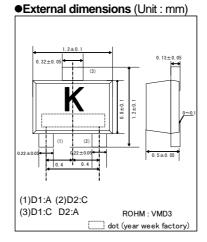
Features

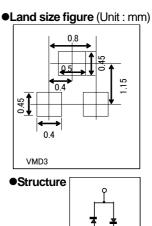
1) Ultra small mold type. (VMD3)

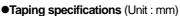
2) High reliability.

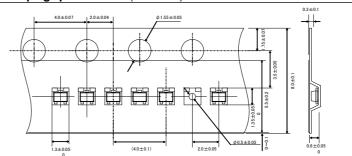
Construction

Silicon epitaxial planar









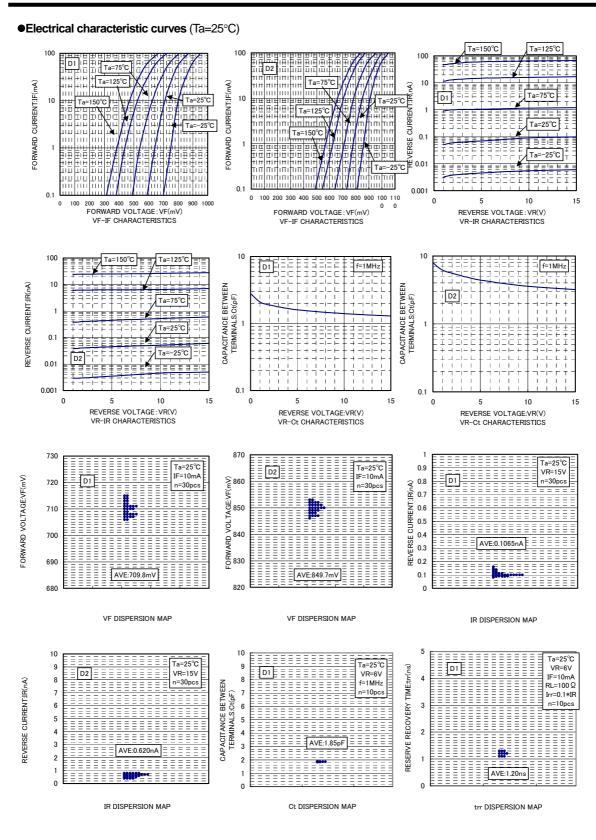
•Absolute maximum ratings (Ta=25°C)

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Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	20	V
Reverse voltage (DC)	V _R	20	V
Forward current surge peak (single)	I _{FM}	200	mA
Average rectified forward current (single)	lo	100	mA
Surge current(t=1us) (single)	I _{surge}	300	mA
Power dissipation	Pd	150	mW
Junction temperature	Tj	150	S
Storage temperature	Tstg	-55 to +150	°C

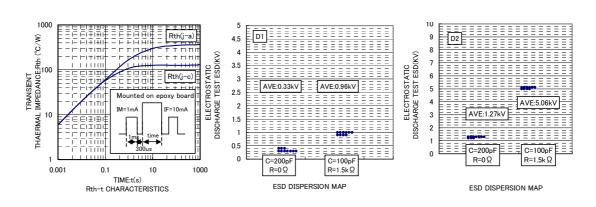
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	1.0	V	I _F =10mA
Reverse current	I _R	-	-	0.1	μA	V _R =15V
Capacitance between terminals	Ct	-	-	4.0	pF	V _R =6V , f=1MHz





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