Zener diode

UMZ12N

Application

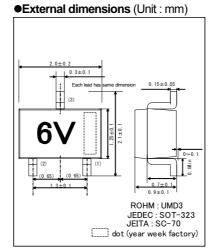
Voltage regulation (Anode common twin type)

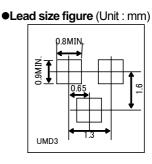
Features

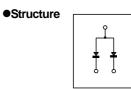
Small mold type. (UMD3)
High reliability.

Structure

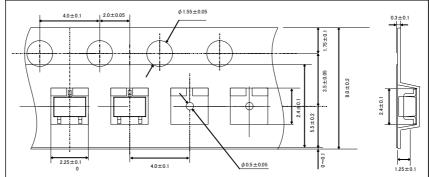
Silicon epitaxial planar







•Taping dimensions (Unit : mm)



•Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Limits	Unit
Power dissipation (*1)	Р	200	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

(*1)Total of 2 elements

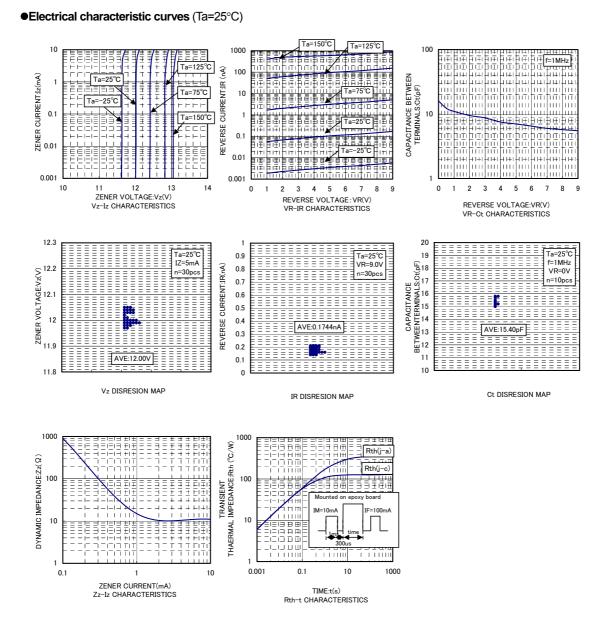
•Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions
Zener voltge	Vz	11.0	-	13.0	V	I _Z =5mA
Reverse current	I _R	-	-	0.10	μA	V _R =9V
Forwad operating resistance	Zz	-	-	30	Ω	I _Z =5mA
Rising operating resistance	Z _{Zk}	-	-	80	Ω	I _Z =0.5mA



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Diodes



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