

Band Switching Diode

DAN235E

●Applications

High frequency switching

●Features

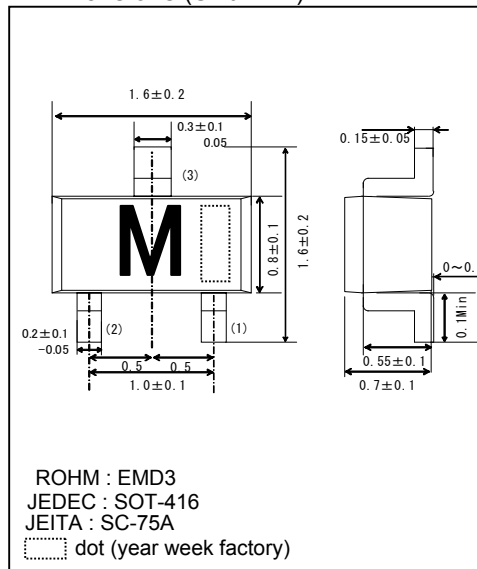
1)Ultra small mold type. (EMD3)

2)High reliability

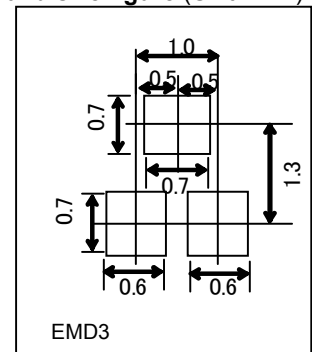
●Construction

Silicon epitaxial

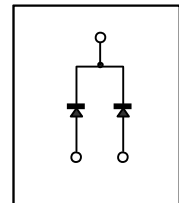
●Dimensions (Unit : mm)



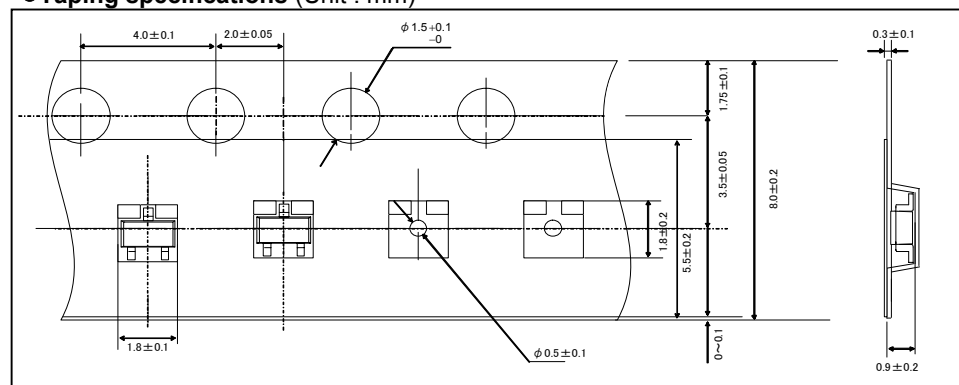
●Land size figure (Unit : mm)



●Structure



●Taping specifications (Unit : mm)

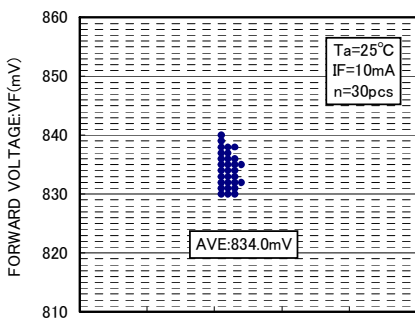
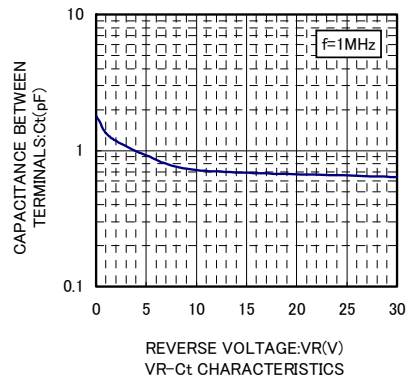
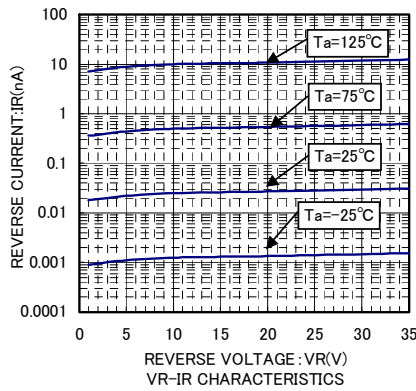
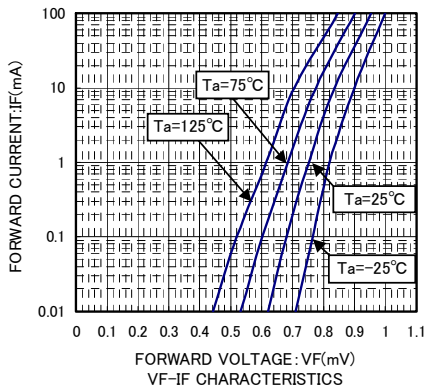


●Absolute maximum ratings (Ta=25°C)

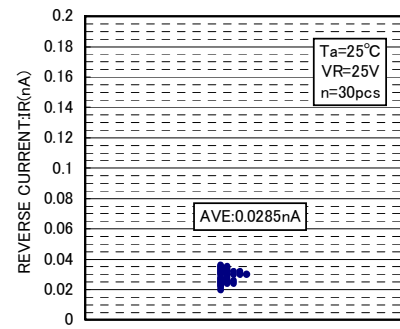
Parameter	Symbol	Limits	Unit
Power dissipation	Pd	150	mW
Reverse voltage (DC)	V _R	35	V
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-55 to +125	°C

●Electrical characteristics (Ta=25°C)

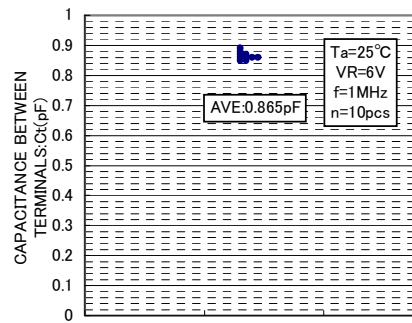
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _F	-	-	1.0	V	I _F =10mA
Reverse current	I _R	-	-	10	nA	V _R =25V
Capacitance between terminals	C _t	-	-	1.2	pF	V _R =6V, f=1MHz
Forward resistance	r _f	-	-	0.9	Ω	I _F =2mA, f=100MHz



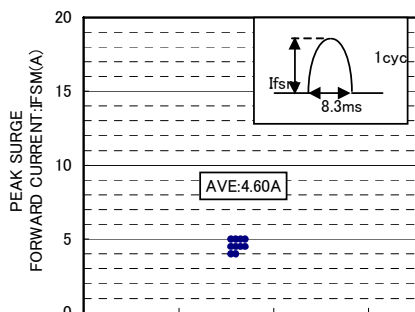
VF DISPERSION MAP



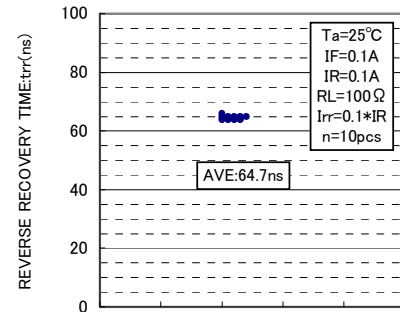
IR DISPERSION MAP



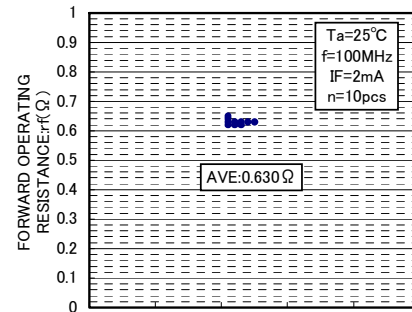
Ct DISPERSION MAP



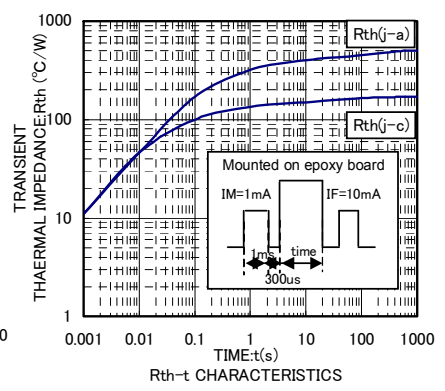
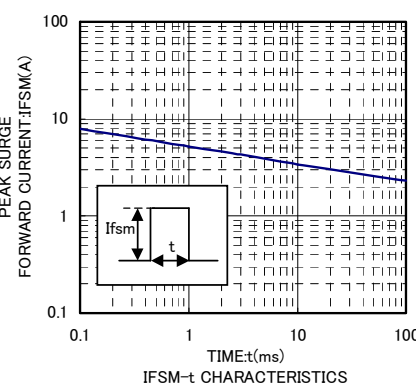
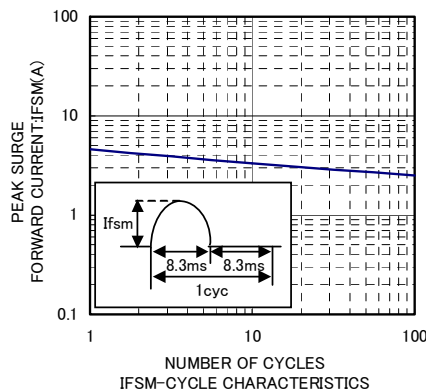
IFSM DISPERSION MAP

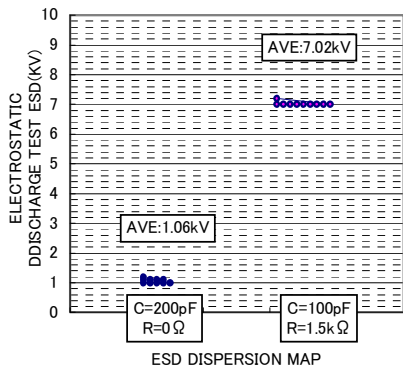


trr DISPERSION MAP



fF DISPERSION MAP





Notes

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