

ESD protection device (TVS)

RSA30L

●Applications

For terminal protection device

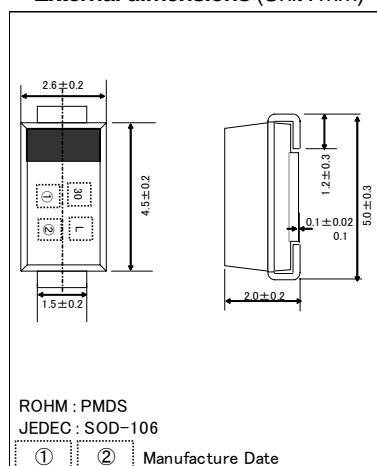
●Features

- 1) Small power mold type. (PMDS)
- 2) High reliability

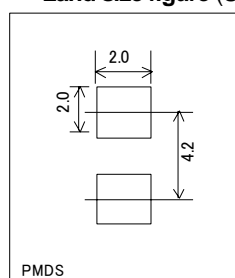
●Construction

Silicon epitaxial planar

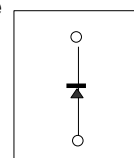
● External dimensions (Unit : mm)



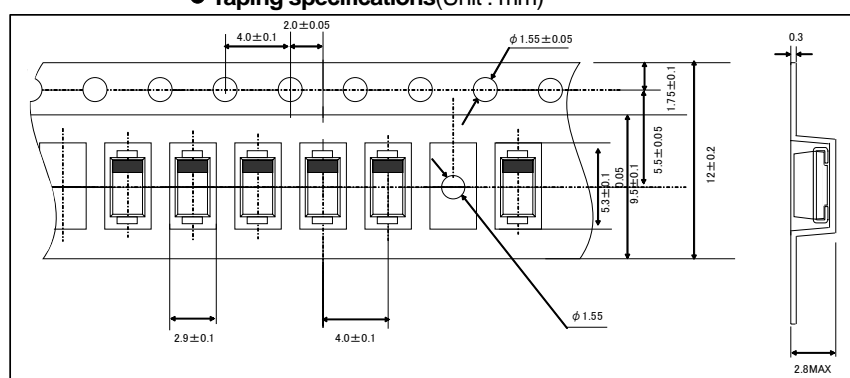
● Land size figure (Unit : mm)



●Structure



● Taping specifications (Unit : mm)



●Absolute maximum ratings (Ta=25°C)

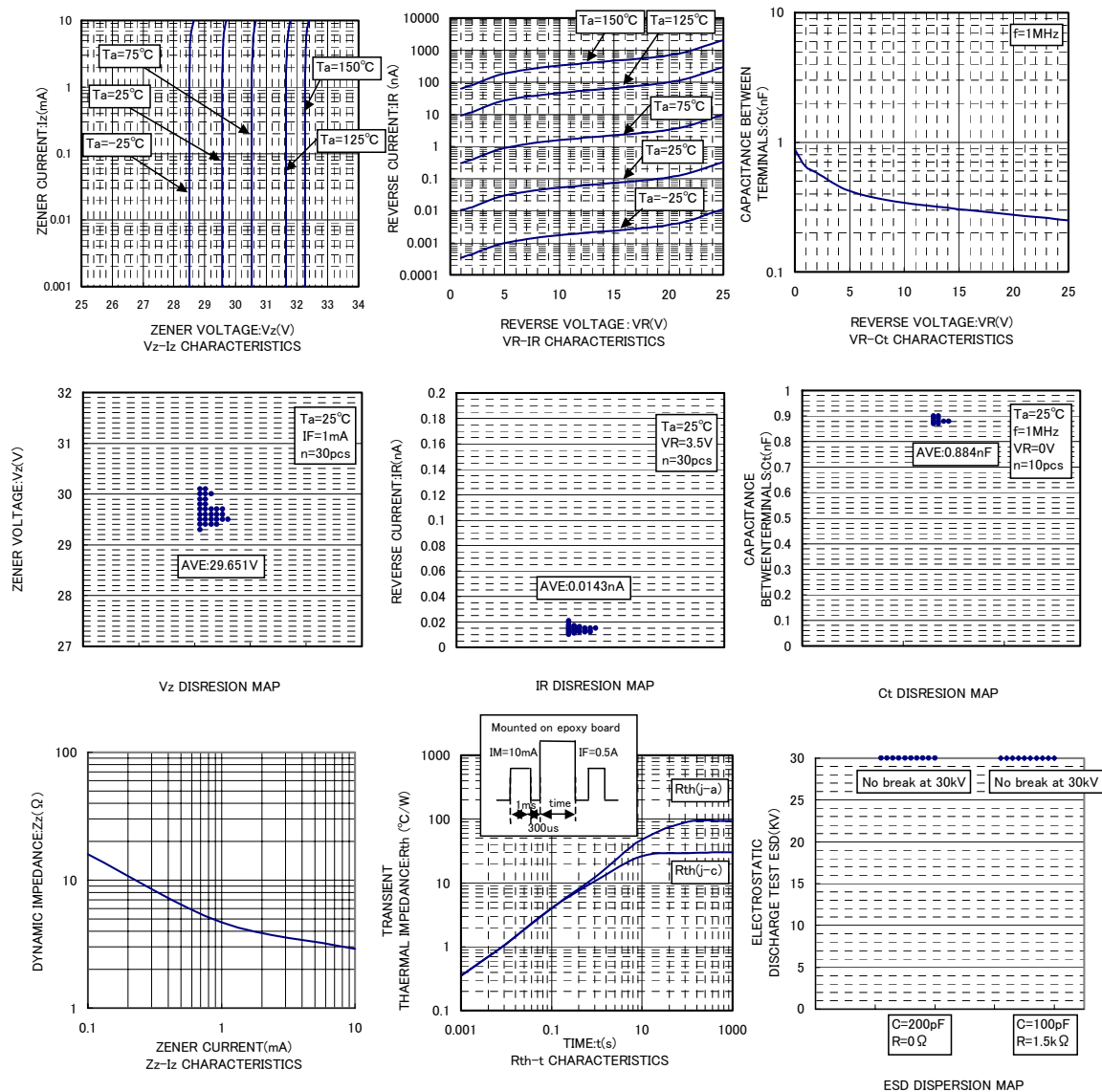
Parameter	Symbol	Limits	Unit
Peak pulse (tp=10 × 1000us)	Ppk	600	W
Stand off power	V _{RMN}	25.6	V
Junction temperature	T _j	150	°C
Storage temperature	T _{stg}	-55 to +150	°C

●Electrical characteristics (Ta=25°C)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Breakdown voltage	V _{BR}	28.5	-	31.5	V	I _R =1.0mA
Clamping voltage	V _C	-	-	41.4	V	V _{PP} =14.4V
Reverse current	I _R	-	-	5	uA	V _{RMN} =25.6V

Diodes

●Electrical characteristic curves (Ta=25°C)



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