

TENTATIVE	PRODUCTS Transient Voltage Suppressor	TYPE RSA12L	PAGE 1 of 1
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1. PRODUCT Transient Voltage Suppressor (Silicon Epitaxial Planer)

2. TYPE RSA12L

3. APPLICATION ESD Protection

4. FEATURE Small power mold type (PMDS)
High reliability

5. ABSOLUTE MAXIMUM RATING (Ta=25 °C)

Peak Pulse Power(tp=10*1000 μs)

Ppk 600 Watt

Reverse Stand-off Voltage

VRWN 12 V

Junction Temperature

Tj 150

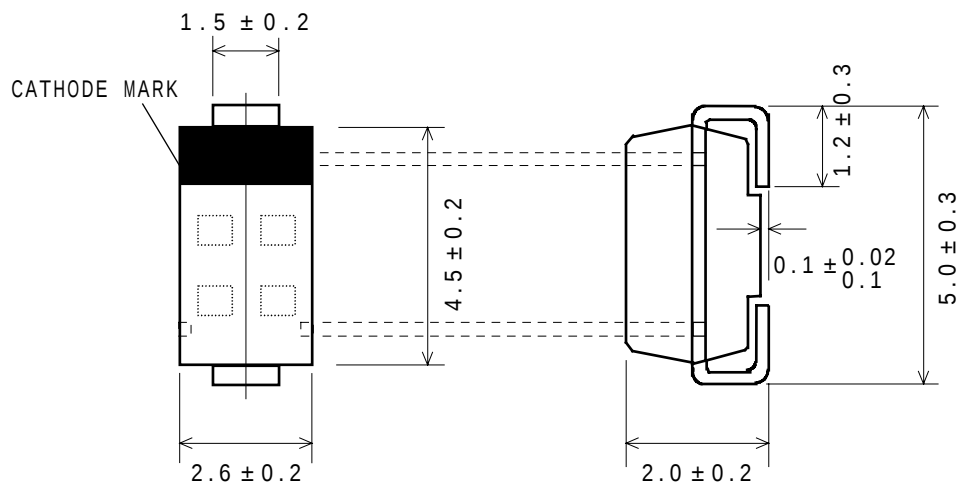
Storage temperature

Tstg -55 ~ 150

6. ELECTRICAL CHARACTERISTIC (Ta=25 °C)

Characteristic	Symbol	Test condition	Standard	
			MIN.	MAX.
Breakdown Voltage	VBR	IT = 1.0 mA	13.3 V	14.7 V
Clamping Voltage	VC	Ipp = 17.5 A	-	15.9 V
Reverse Leakage	IR	VRWN = 12.0 V	-	2.5 μA

7. DIMENSION (UNIT:mm)



, TYPE EX. RSA12L → L , A
, Manufacturing date EX. 2002,02 → 2 , 2

8. Mass per piece 69 mg/pcs

DESIGN	CHECK	APPROVAL	DATE:Apr.16.2002	SPECIFICATION No. : RSA12L-ENG
			REV.A	ROHM CO., LTD.