

SLA1008

T-43-24

Diode Array

Maximum Ratings

(Ta = 25°C)

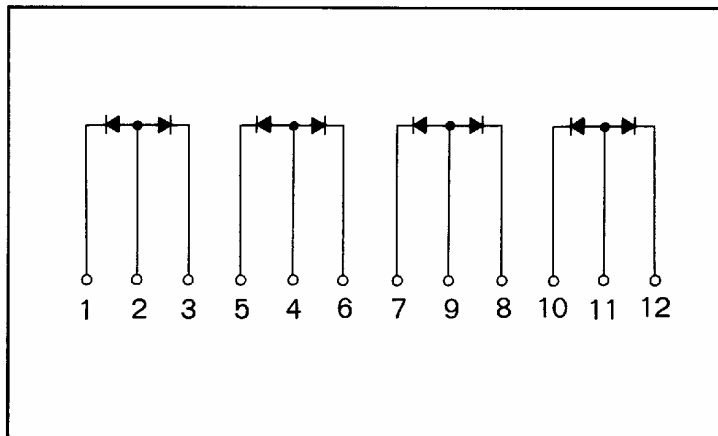
Item	Symbol	Ratings	Unit
Forward Current	Io	0.7(Ta = 25°C)	A
Forward Current	Io	2.5(Tc = 25°C)	A
Peak Forward Current	IfSM	8(Pw ≤ 1ms, Single)	A
Reverse Voltage	VR	120	V
Total Power Dissipation	Pr	5 (Ta = 25°C)	W
		25 (Tc = 25°C)	
Insulation Breakdown Voltage	Viso	1000 (between fin and lead pin, AC)	Vrms
Storage Temperature	Tstg	-40~+150	°C
Thermal Resistance	θj-c	5	°C/W

Electrical Characteristics

(Ta = 25°C)

Item	Symbol	Conditions	Specification			Unit
			min	typ	max	
Reverse Voltage	VR	IR = 10μA	120			V
Forward Voltage	VF	IF = 1A			1.2	V
Reverse Current	IR	VR = 120V			10	μA
Reverse Recovery Time	trr	IF ± 100mA		100		ns

Equivalent Circuit Diagram

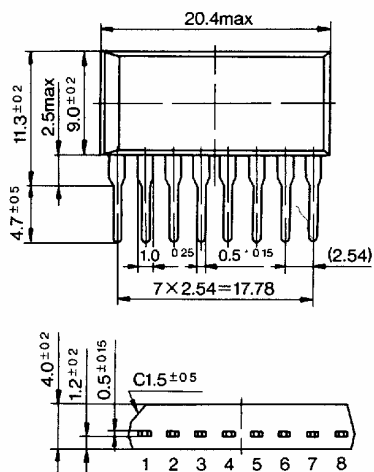


Notes on using products

Outline Drawings (Unit:in mm)

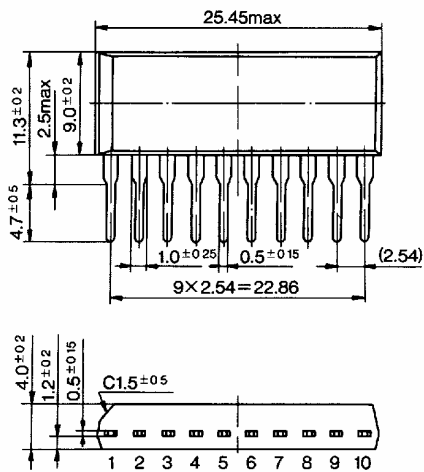
STA Family

STA300 Series



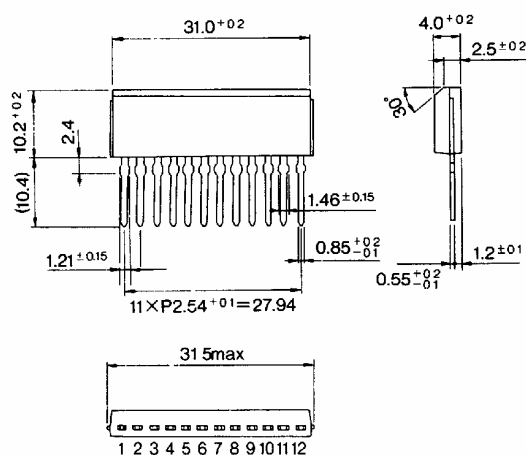
Weight Approx. 2.0g

STA400 Series



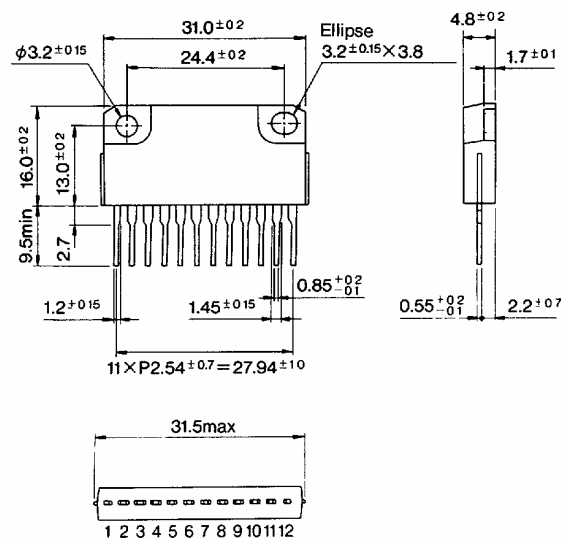
Weight Approx. 2.6g

SMA Family



Weight Approx. 4.0g

SLA Family



Weight Approx. 6.0g