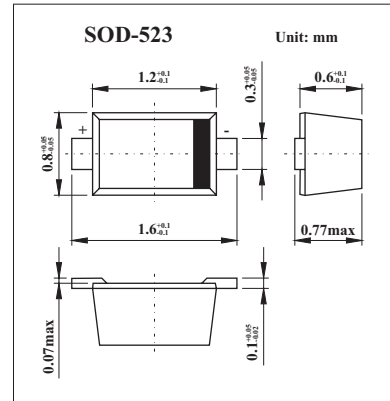


KA277(BA277)

■ Features

- Small plastic SMD package
- Continuous reverse voltage: max. 35 V
- Continuous forward current: max. 100 mA
- Low diode capacitance: max. 1.2 pF
- Low diode forward resistance: max. 0.7 Ω.



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
continuous reverse voltage	V _R	35	V
continuous forward current	I _F	100	mA
total power dissipation Ts = 90°C	P _{tot}	715	mW
thermal resistance from junction to soldering-point	R _{th j-s}	85	K/W
storage temperature	T _{stg}	-65 to +150	°C
junction temperature	T _j	-65 to +150	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditons	Max	Unit
forward voltage	V _F	I _F = 10 mA	1	V
reverse current	I _R	V _R = 25 V	50	nA
		V _R = 20 V; Ta = 75 °C	1	μ A
diode capacitance	C _d	f = 1 MHz; V _R = 6 V	1.2	pF
diode forward resistance	r _D	I _F = 2 mA; f = 100 MHz	0.7	Ω

■ Marking

Marking	A
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