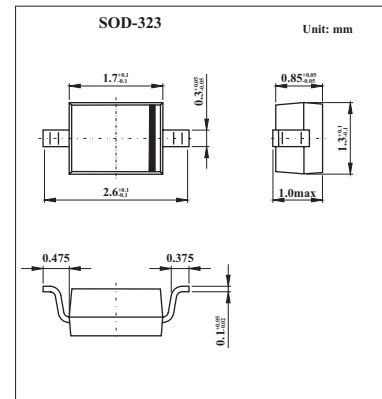


1PS76SB17

■ Features

- Low forward volatge
- Guard ring protected
- ESD > 500 V; Human body model
- Very small plastic SMD package.



■ Absolute Maximum Ratings Ta = 25°C

PARAMATER	SYMBOL	MIN	MAX	UNIT
continuous reverse voltage	V _R		4	V
continuous forward current	V _F		30	mA
storage temperature	T _{stg}	-65	+150	°C
junction temperature	T _j		100	°C

■ Electrical Characteristics Ta = 25°C

PARAMATER	SYMBOL	CONDITIONS	TYP	MAX	UNIT
forward volatge	V _F	I _F = 0.1 mA		300	mV
		I _F = 1 mA	360	450	mV
		I _F = 10 mA	470	600	mV
reverse current	I _R	V _R = 3 V;	0.15	0.25	μ A
diode capacitance	C _d	f = 1 MHz; V _R = 0 V;	0.8	1	pF
		f = 1 MHz; V _R = 0.5 V;	0.65		pF
thermal resistance from junction to ambient	R _{th j-a}	note 1		450	K/W

Note

1. Refer to SOD323 standard mounting conditions.

■ Marking

Marking	S7
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