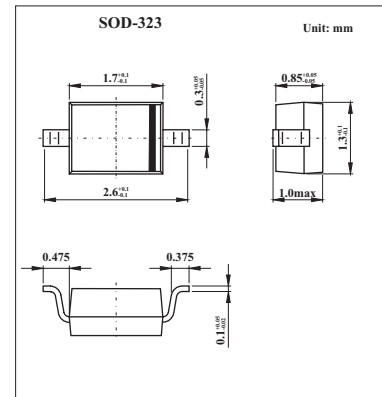


1SS355

■ Features

- Small surface mount type
- High switching speed. ($t_{rr}=2\text{ns Typ.}$)
- Good mountierbility,high surge resistance and reliability.



■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	Rating	Unit
Peak reverse voltage	V _{RM}	40	V
DC reverse voltage	V _R	35	V
Average forward current	I _o	100	mA
Peak forward current	I _{FM}	255	mA
Surge current (1s)	I _{surge}	400	mA
Junction temperature	T _j	125	°C
Storage temperature	T _{stg}	-55 to 125	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Testconditons	Min	Typ.	Max	Unit
Forward voltage	V _F	I _F =100mA		0.94	1.2	V
Reverse current	I _R	V _R =35V		0.01	0.5	μ A
Total Capacitance	C _T	V _R =0.5V, f=1MHz		0.72	3.0	pF
Reverse recovery time	t _{rr}	V _R =6V, I _F =10mA, R _L =100 Ω		1.1	4	ns

■ Marking

Marking	A
---------	---