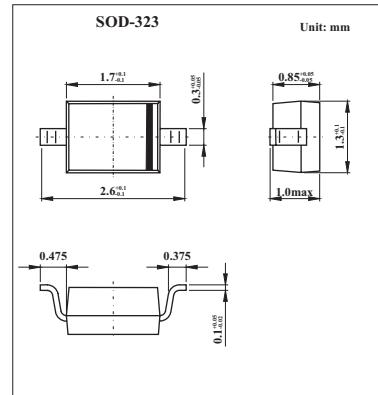


SWITCHING DIODE**1SS380****■ Features**

- Ultra small mold type. (UMD2)
- High reliability.

**■ Absolute Maximum Ratings Ta = 25°C**

Parameter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	V _{RM}	40	V
Reverse voltage (DC)	V _R	35	V
Forward current	I _{FM}	225	mA
Average rectified forward current	I _o	100	mA
Surge current (t=1s)	I _{surge}	400	mA
Junction Temperature	T _j	150	°C
Storage Temperature Range	T _{stg}	-55 to+ 150	°C

■ Electrical Characteristics Ta = 25°C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward Voltage	V _F	I _F = 100 mA			1.2	V
Reverse Current	I _R	V _R = 20 V;			0.01	µ A
Capacitance between terminals	C _t	V _R = 0.5, f = 1 MHz			5	pF

Note:

1.Pulse test: t_p = 300 µ s; δ = 0.02.

■ Marking

Marking	E
---------	---