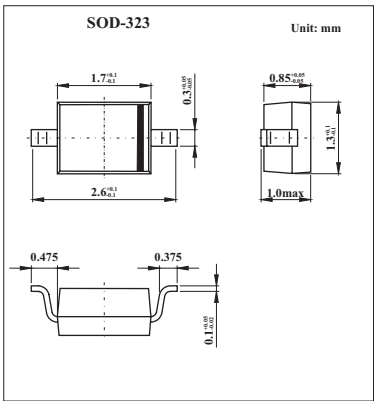


SWITCHING DIODE

1SS380

■ Features

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



■ Absolute Maximum Ratings Ta = 25℃

Paremeter	Symbol	Limits	Unit
Reverse voltage (repetitive peak)	VRM	40	V
Reverse voltage (DC)	VR	35	V
Forward current	IFM	225	mA
Average rectified forward current	Io	100	mA
Surge current (t=1s)	Isurge	400	mA
Junction Temperature	Tj	150	℃
Storage Temperature Range	Tstg	-55 to+ 150	℃

■ Electrical Characteristics Ta = 25℃

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward Volatge	VF	IF = 100 mA			1.2	V
Reverse Current	IR	VR = 20 V;			0.01	μ A
Capacitance between terminals	Ct	VR =0.5, f =1 MHz			5	pF

Note:

1.Pulse test: tp = 300 μ s; δ = 0.02.

■ Marking

Marking	E
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