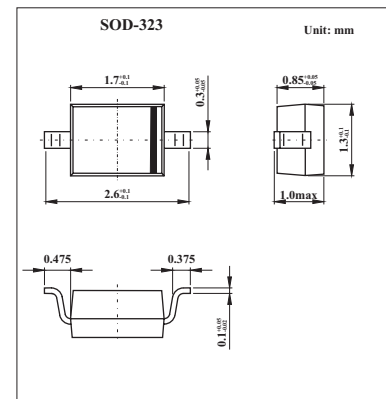


## Band switching diode

## 1SS356

## ■ Features

- Small mold type. (UMD2)
- High reliability.

■ Absolute Maximum Ratings  $T_a = 25^\circ\text{C}$ 

Parameter	Symbol	Limits	Unit
Forward current (DC)	$I_F$	100	mA
Reverse voltage (DC)	$V_R$	35	V
Junction temperature	$T_J$	125	$^\circ\text{C}$
Storage temperature range	$T_{stg}$	-55 to +125	$^\circ\text{C}$

■ Electrical Characteristics  $T_a = 25^\circ\text{C}$ 

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	$V_F$	$I_F = 10\text{ mA}$			1.0	V
Reverse current	$I_R$	$V_R = 25\text{ V}$			10	nA
Capacitance between terminals	$C_t$	$V_R = 6\text{ V}, f = 1\text{ MHz}$			1.2	pF
Forward operating resistance	$r_f$	$I_F = 2\text{ mA}, f = 100\text{ MHz}$			0.9	$\Omega$