

Schottky Barrier Diode

VOLTAGE RANGE: 30V

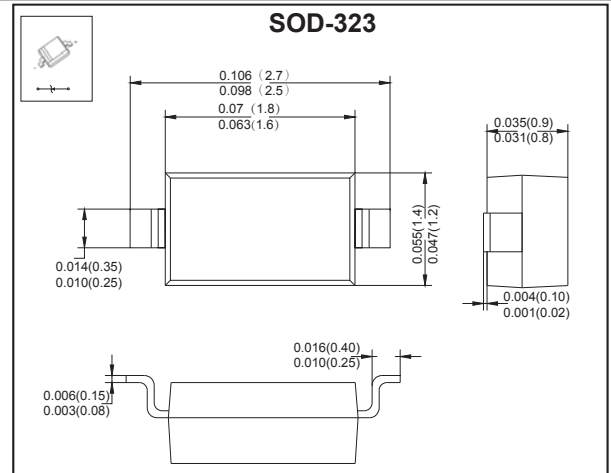
PEAK PULSE POWER:200mW

FEATURES

- Low current rectifier schottky diode
- Low voltage, low inductance
- For powersupply

MECHANICAL DATA

- Case: SOD-323 Small Outline Plastic Package
- Polarity: Color band denotes cathode end
- Mounting Position: Any



MAXIMUM RATINGS AND CHARACTERISTICS

Ratings at 25 C ambient temperature unless otherwise specified

Parameter	Symbol	Limit	Unit
Peak reverse voltage	VRM	30	V
DC reverse voltage	VR	30	V
Mean rectifying current	IO	0.5	A
Non-repetitive Peak Forward Surge Current@t=8.3ms	IFSM	2	A
Power dissipation	Pd	200	mW
Thermal Resistance Junction to Ambient	RθJA	500	°C/W
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55~+150	°C

Electrical Specification (TA=25@25°C unless otherwise specified)

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	VF			0.36 0.47	V	IF=100mA IF=500mA
Reverse current	IR		100		μA	VR=20V

MAKING: D

RATINGS AND CHARACTERISTIC CURVES

Typical Characteristics

