

Schottky Barrier Diode

VOLTAGE
40Volts
500mA

FEATURES

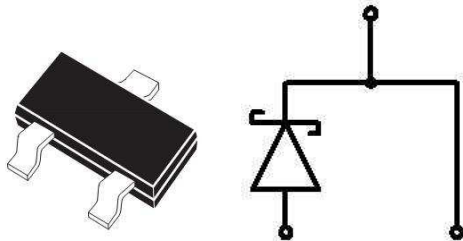
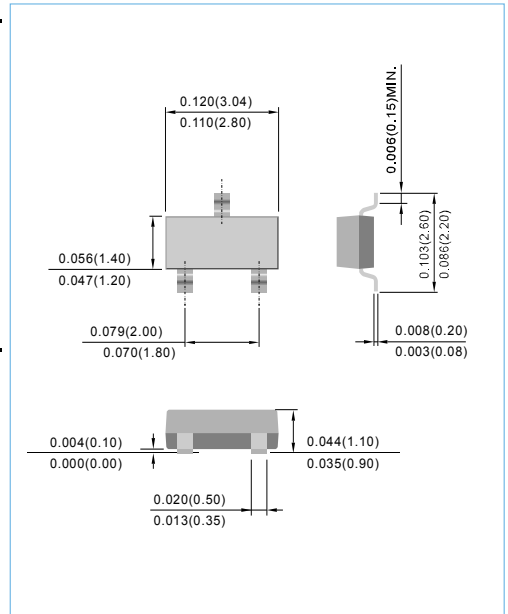
- High Reliability
- Low Reverse Current
- Ultra High-speed Switching
- Lead free in comply with EU RoHS 2002/95/EC directives.
- Green molding compound as per IEC61249 Std. .
(Halogen Free)

MECHANICAL DATA

- Case : SOT-23, Plastic
- Terminals : Solder plated,solderable per MIL-STD-750,
Method2026
- Approx. Weight : 0.0084 gram
- Marking : 11D

SOT-23

Unit : inch(mm)



ABSOLUTE RATINGS (T_A=25°C)

Parameter	Symbol	Value	Units
Reverse Voltage	V _{RM}	40	V
Average Rectified Forward Current	I _O	500	mA
Forward Current Surge Peak (t=8.3ms)	I _{FSM}	3	A
Junction Temperature	T _J	125	°C
Storage Temperature	T _{STG}	-40 to +125	°C