

Plastic-Encapsulate Diodes

SCHOTTKY BARRIER DIODE

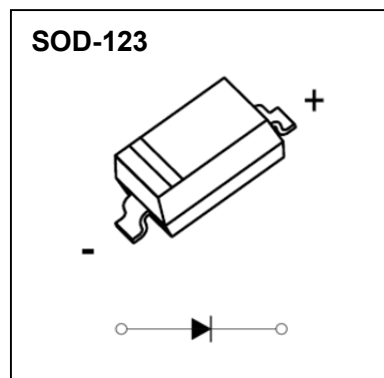
FEATURES

- Small surface mounting type
- Low forward voltage
- High reliability

MARKING: 74



The marking bar indicates the cathode



Maximum Ratings and Electrical Characteristics, Single Diode @T_A=25°C

Parameter	Symbol	Limits	Unit
DC reverse voltage	V _R	40	V
Mean rectifying current	I _O	1	A
Non-repetitive Peak Forward Surge Current @t=8.3ms	I _{FSM}	15	A
Power Dissipation	P _D	350	mW
Thermal Resistance Junction to Ambient	R _{θJA}	200	°C/W
Operating Junction Temperature Range	T _j	-40 ~ +125	°C
Storage Temperature Range	T _{stg}	-55 ~ +150	°C

Electrical Ratings @T_A=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Forward voltage	V _F			0.51	V	I _F =1A
Reverse current	I _R			30	μA	V _R =40V

Typical Characteristics

