

Plastic-Encapsulate Diodes

Schottky barrier Diode

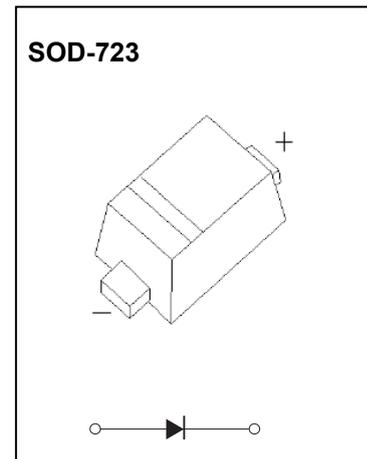
FEATURES

- Small surface mounting type
- High reliability

MARKING: F



F=Device code
The marking bar indicates the cathode



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

Parameter	Symbol	Limit	Unit
DC reverse voltage	V_R	30	V
Mean rectifying current	I_O	200	mA
Non-repetitive Peak forward surge current @ t=8.3ms	I_{FSM}	1	A
Power dissipation	P_D	100	mW
Thermal Resistance Junction to Ambient	$R_{\theta JA}$	1000	°C/W
Operating Junction Temperature Range	T_J	-40 ~ +125	°C
Storage Temperature Range	T_{stg}	-55 ~ +150	°C

Electrical Ratings @Ta=25°C

Parameter	Symbol	Min	Typ	Max	Unit	Conditions
Forward voltage	V_{F1}			0.35	V	$I_F=10mA$
	V_{F2}			0.5	V	$I_F=200mA$
Reverse current	I_R			10	μA	$V_R=10V$

Typical Characteristics
