

FEATURES

- Rectifying small power
- Ultra small mold type
- Low V_F
- High reliability
- In compliance with EU RoHS 2002/95/EC directives

MECHANICAL DATA

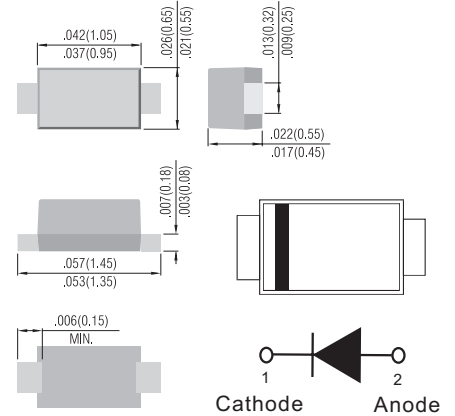
Case: SOD-723, Plastic

Terminals: Solderable per MIL-STD-750, Method 2026

Polarity: Color band cathode

Approx. Weight : 0.00077 gram

Marking : BP



ABSOLUTE MAXIMUM RATINGS ($T_A = 25^\circ\text{C}$)

PARAMETER	SYMBOL	LIMITS	UNITS
Reverse Voltage (DC)	V_R	30	V
Average Rectified Forward Current	I_O	200	mA
Forward Current Surge Peak (60Hz . 1cyc)	I_{FSM}	1000	mA
Operating Junction and Storage Temperature Range	T_J, T_{STG}	-40 to 125	$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$)

PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Forward Voltage	V_F	$I_F = 200\text{mA}$	-	-	0.6	V
Reverse Current	I_R	$V_R = 10\text{V}$	-	-	1	μA
Typical Junction Capacitance between Terminal (Note1)	C_J	$V_R = 20\text{V}$	-	15	-	pF



Electrical characteristic curves (TA=25°C)

