

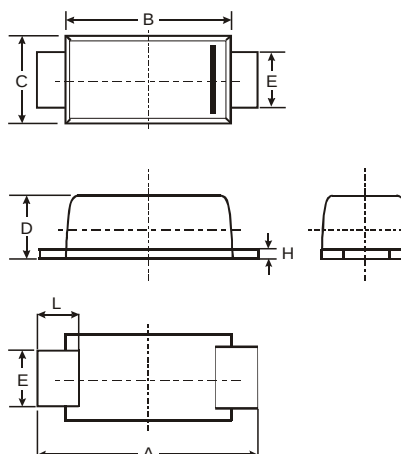
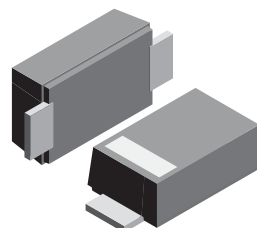
VOLTAGE RANGE: 100V
CURRENT: 75 mA

Features

- Low Current Leakage
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0

Mechanical Data

- Case: SOD-123FL plastic body over passivated junction
- Terminals : Plated axial leads, solderable per MIL-STD-750, Method 2026
- Polarity : Color band denotes cathode end
- Mounting Position : Any
- Marking : A4
- Weight: 0.0007 ounce, 0.02 grams



SOD-123FL			
Dim	Min	Max	Typ
A	3.50	3.90	3.70
B	2.60	3.00	2.80
C	1.63	1.93	1.78
D	0.93	1.00	0.98
E	0.85	1.25	1.00
H	0.15	0.25	0.20
L	0.55	0.75	0.65
All Dimensions in mm			

Maximum Ratings @ T_A = 25°C unless otherwise specified

Characteristic	Symbol	Value	Unit
Peak Reverse Voltage	V _{RM}	100	V
Maximum Average Rectified Current	I _O	75	mA
Maximum Power Dissipation at T _{amb} = 25 °C	P _{tot}	500	mW
Maximum Junction Temperature	T _j	200	°C
Maximum Forward Voltage Drop at I _F = 10 mA	V _F	1.0	V
Maximum Reverse Current at V _R = 20 V V _R = 75 V	I _R	25 5.0	nA μA
Max. Reverse Recovery Time at I _F = I _R = 10 mA, V _R = 6 V, R _L = 100 Ω, to I _{rr} = 1 mA	t _{rr}	4.0	ns
Maximum Capacitance at V _R =0, f=1.0 MHz	C _{tot}	4.0	pF