



WSD751H

Surface Mount Schottky Barrier Diode

SCHOTTKY BARRIER
RECTIFIERS

30m AMPERES
30 VOLTS

Features:

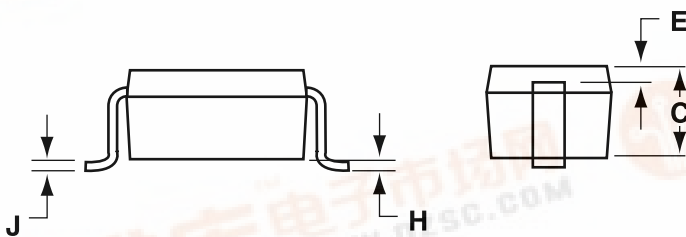
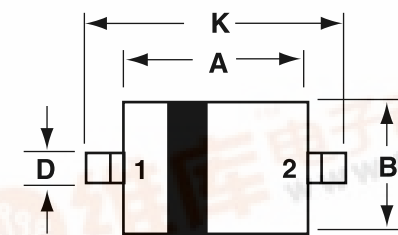
- *Extremely Low VF.
- *Very Small Conduction Losses.
- *Schottky Barrier Diodes Encapsulated in SOD-323 Package.



SOD-323

SOD-323 Outline Dimensions

Unit:mm



Dim	MILLMETERS	
	Min	Max
A	1.60	1.80
B	1.15	1.35
C	0.80	1.00
D	0.25	0.40
E	0.15REF	
H	0.00	0.10
J	0.089	0.377
K	2.30	2.70

PIN 1.CATHODE
2.ANODE

WSD751H**MAXIMUM RATING**

Characteristics	Symbol	WSD 751H	Unit
Breakdown Voltage	BV	40	Volts
Continuous Reverse Voltage	VR	30	Volts
Average Rectified Forward Current	IO	30	mAmps
Peak Forward Surge Current (8.3ms1/2 Sine Wave)	IFSM	200	mAmps
Storage Temperature	Tstg	-40 to+125	°C

ELECTRICAL CHARACTERISTICS (Ta=25°C)

Characteristics	Symbol	WSD 751H	Unit
Device Marking		JV	
Maximum Instantaneous Forward Voltage IF=1mA	VF	0.37	Volts
Maximum Instantaneous Reverse Current (VR=30V)	IR	0.5	μAmps
Typical Junction Capacitance (VR=10V, f=1MHz)	CJ	20	PF

Electrical Characteristic Curves (Ta=25°C Unless Specified Otherwise)

