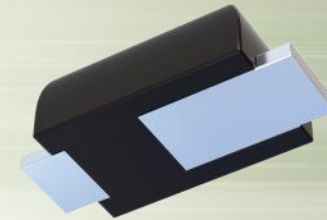
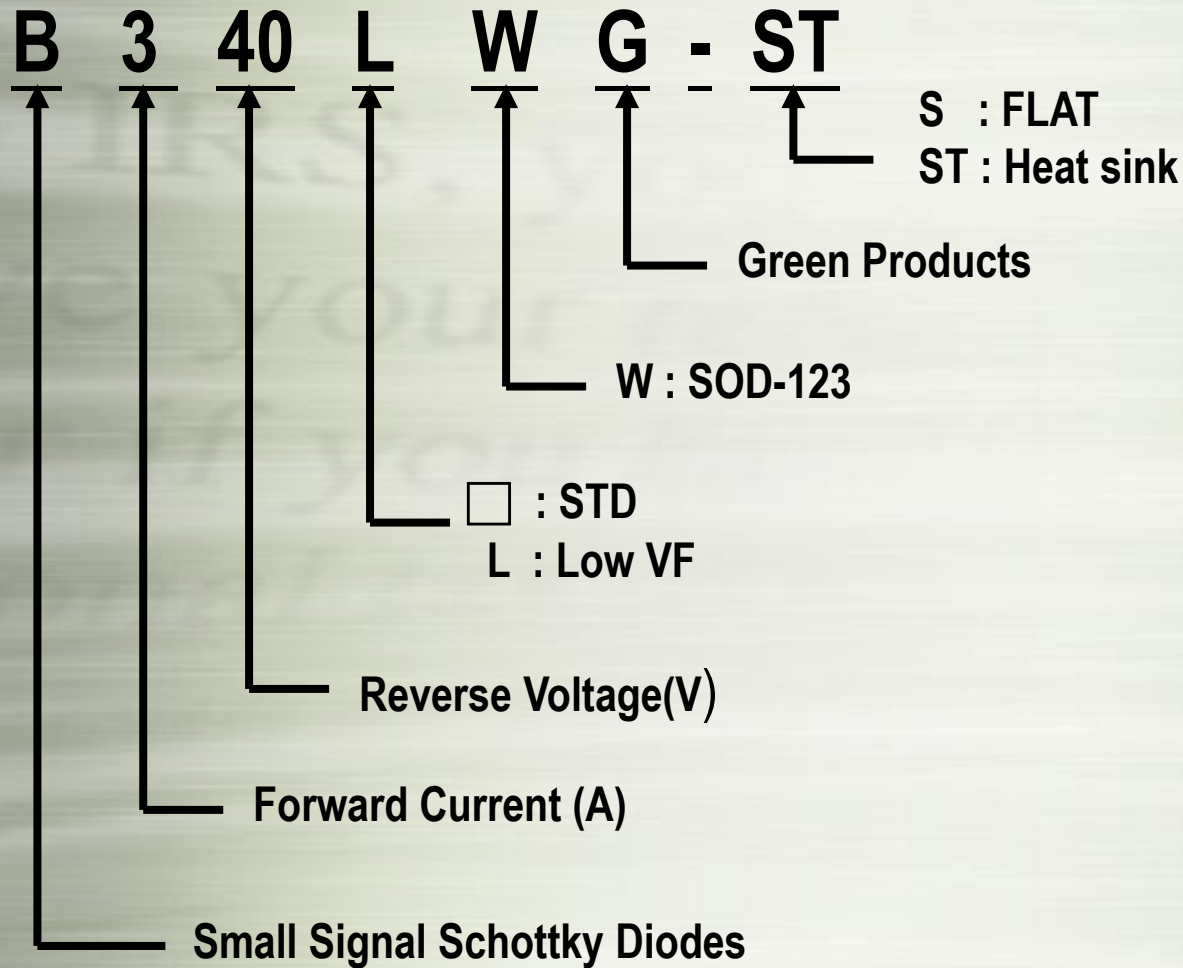


SOD-123S/ST Products

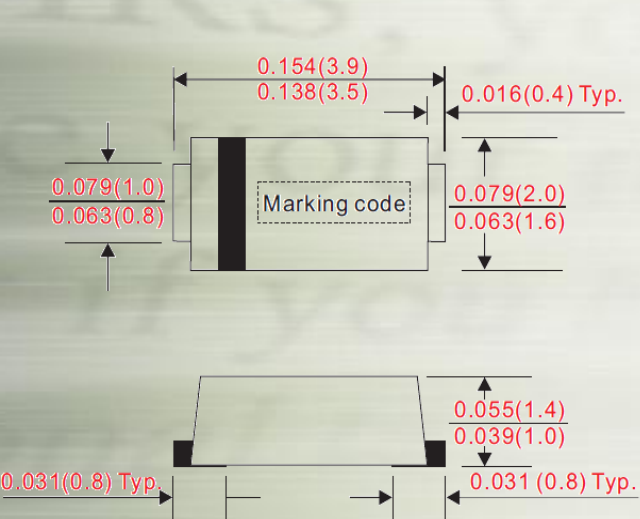


Product Part Number



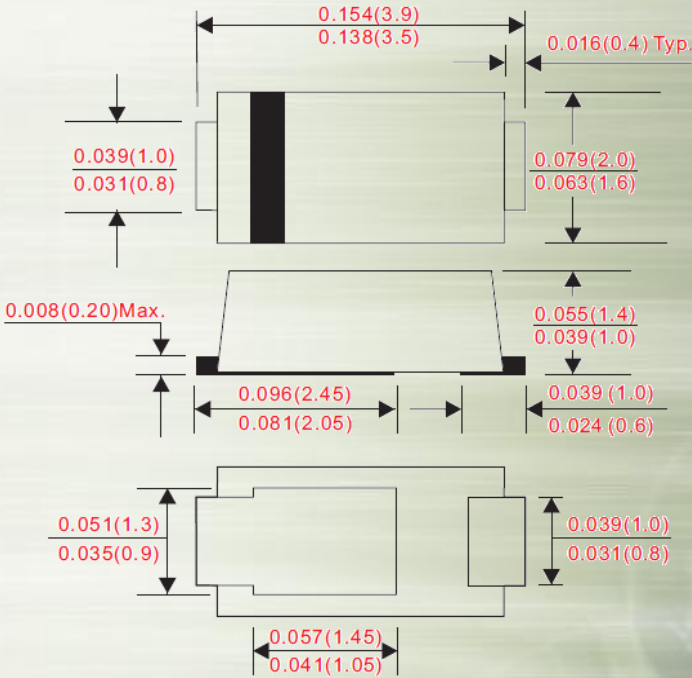
Package Outline

SOD-123S



Dimensions in inches and (millimeters)

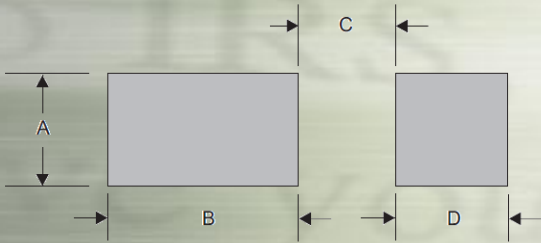
SOD-123ST



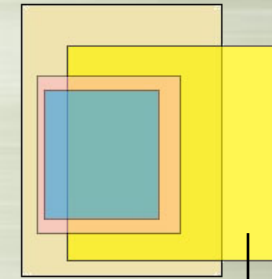
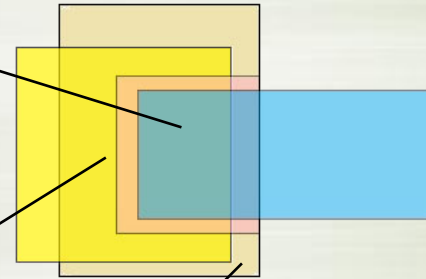
Dimensions in inches and (millimeters)

Pad Layout

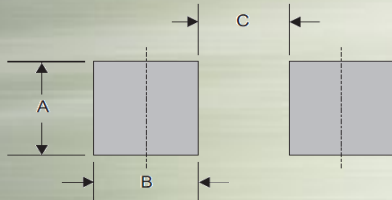
SOD-123ST



A	B	C	D
0.036 (0.90)	0.084 (2.10)	0.032 (0.80)	0.032 (0.80)

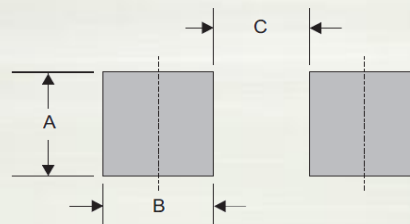


SOD-123S



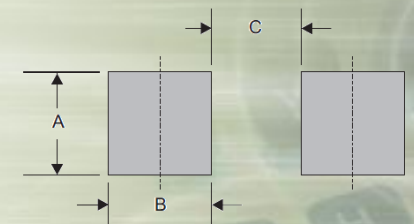
A	B	C
0.044 (1.10)	0.039 (1.00)	0.079 (2.00)

SOD-123F



A	B	C
0.075 (1.90)	0.055 (1.40)	0.075 (1.90)

SOD-123



A	B	C
0.059 (1.50)	0.059 (1.50)	0.094 (2.40)

Product Features

1. Electrostatic discharge (ESD) test under IEC6100-4-2 standard >16KV(20V~60V).
standard >10KV(100V~200V).
2. Low profile surface mounted application in order to optimize board space.
3. Low power loss, high efficiency.
4. High current capability, low forward voltage drop.
5. Ultra high-speed switching.
6. Silicon epitaxial planar chip, metal silicon junction.
7. Ultra-low VF of less than 0.38V for reduced power loss and higher efficiency.
8. Low profile height of 1.4mm (max) with internal clip design for low thermal resistance.



Applications

Computer

Notebook
Desktop computer
Ultra book
Slim Computer
Motherboard

Communication

ADSL
Set-top Box
Wireless Lan

Consumer

DSC
TV/Monitor
MP3
Home Appliance
Audio Applications
Electronic Toys

