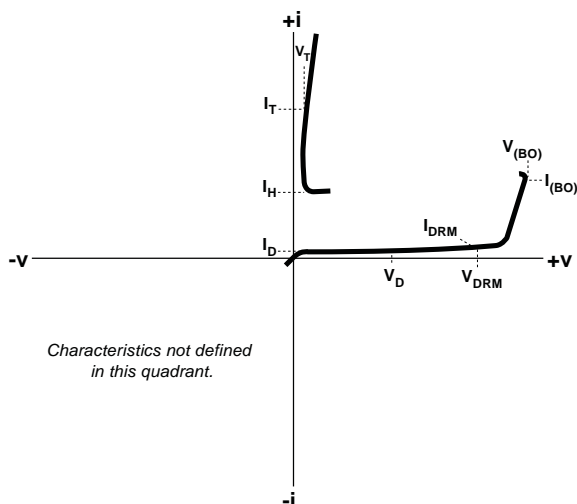


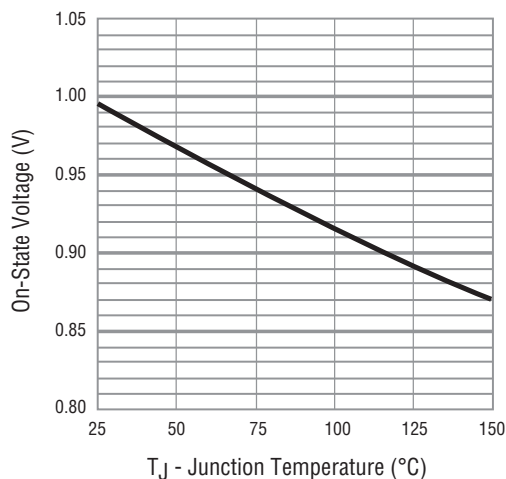
LSPxxxxBJR Series LED Shunt Protector

BOURNS®

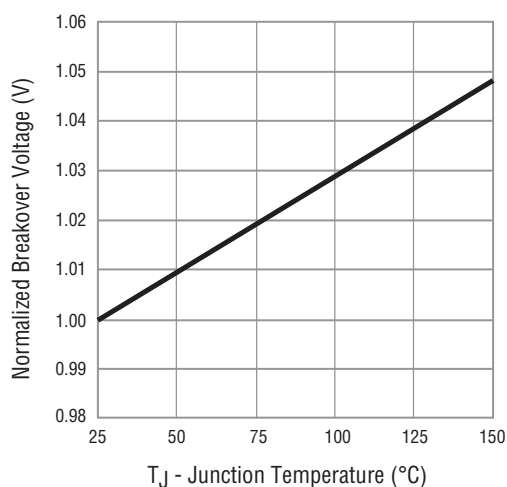
V-I Characteristic



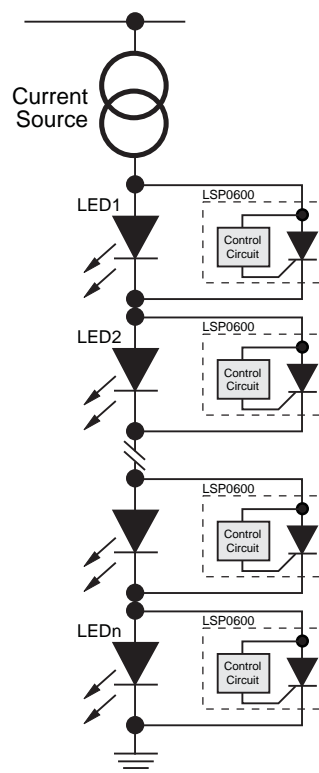
On-state Voltage vs. Junction Temperature



Normalized Breakover Voltage vs. Junction Temperature



Typical Application



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Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

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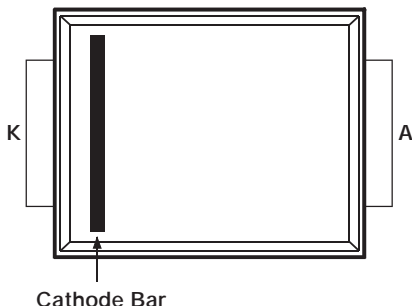
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Note: The interaction between the Bourns® LSP device and the power supply for the LED string dictates the power supply architecture. Proper care must be taken in the design of the power supply architecture to ensure that the Bourns® LSP devices operate as intended and the design maintains integrity.

LSPxxxxBJR Series LED Shunt Protector

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Product Specifications



Unit Epoxy molded SMB D0-214AA package
Mold Material UL94V-0
Terminations 100 % matte tin-plated over copper alloy
Unit Weight 102 mg.

Packaging Specifications

Standard EIA-481-1
Tape Width 12 mm (.472 in.)
Reel Diameter 330 mm (12.99 in.)
Part Alignment Cathode bar adjacent to sprocket hole
Quantity per Reel 3,000 pieces

Typical Part Marking

Top Side Marking

LSP0600BJR-S LSP060
LSP0900BJR-S LSP090
LSP1300BJR-S LSP130
LSP1800BJR-S LSP180

How to Order

Model Series LSP 0600 BJ R - S
LED Shunt Protector
Off-State Voltage
0600 = 6 V
0900 = 9 V
1300 = 13 V
1800 = 18 V
Package
BJ = SMB DO-214AA Package
Standard Packaging
R = Tape and Reel Packaging (3,000 pcs./reel)
Termination
S = RoHS Compliant

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