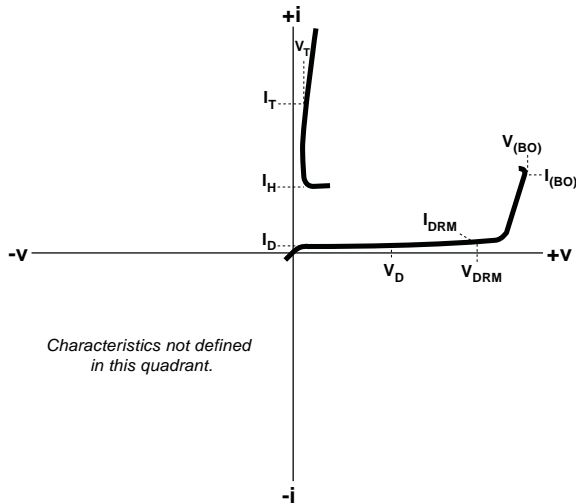


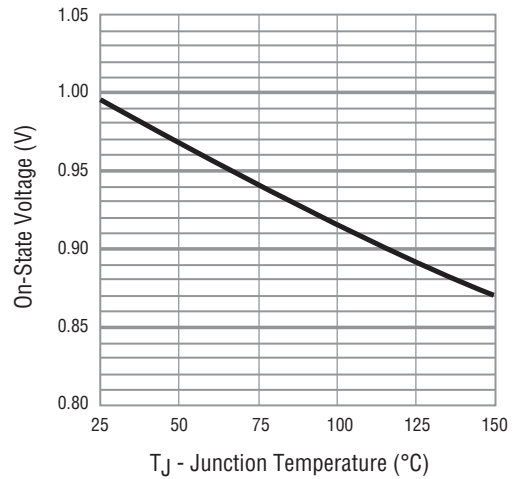
LSPxxxxAJR Series LED Shunt Protector

BOURNS®

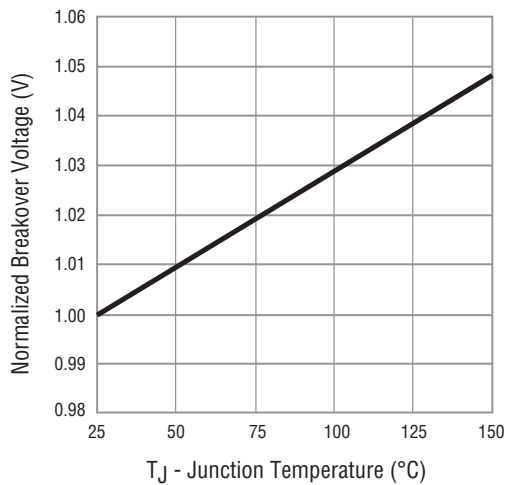
V-I Characteristic



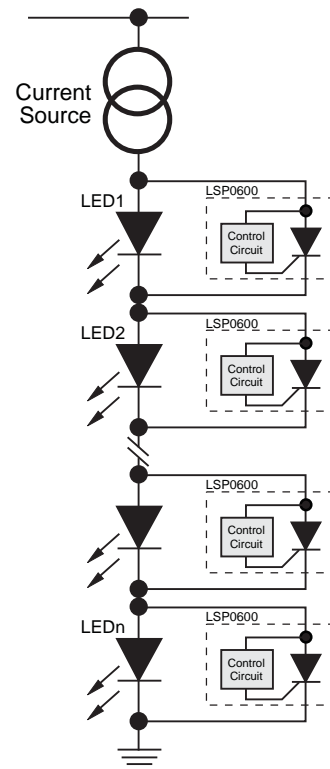
On-state Voltage vs. Junction Temperature



Normalized Breakover Voltage vs. Junction Temperature



Typical Application



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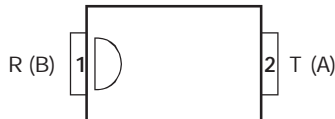
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Note: The interaction between the Bourns® LSP device and the power supply for the LED series string dictates the power supply architecture. Proper care must be taken in the design of the power supply architecture to ensure that the Bourns® LSP devices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

LSPxxxxAJR Series LED Shunt Protector

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Product Specifications



MDXXCCE

Unit Epoxy molded SMA DO-214AC 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 5,000 pieces

Typical Part Marking

Top Side Marking

LSP0600AJR-S LSP060
 LSP0900AJR-S LSP090
 LSP1300AJR-S LSP130
 LSP1800AJR-S LSP180

How to Order

LSP 0600 AJ R - S

Model Series
 LED Shunt Protector

Off-State Voltage
 0600 = 6 V
 0900 = 9 V
 1300 = 13 V
 1800 = 18 V

Package
 AJ = SMA DO-214AC Package

Standard Packaging
 R = Tape and Reel Packaging (5,000 pcs./reel)

Termination
 S = RoHS Compliant

BOURNS®

Asia-Pacific: Tel: +886-2 2562-4117 • Email: asiacus@bourns.com
 EMEA: Tel: +36 88 885 877 • Email: eurocus@bourns.com
 The Americas: Tel: +1-951 781-5500 • Email: americus@bourns.com
www.bourns.com

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