



Satellite Receiver RF Input Surge Protection

Solution Products



2035-09-SM-RPLF



SMLJ20A

Objective

This solution is designed to offer surge protection to the RF input port from a set top box to a satellite dish. Near strikes or strikes to the building can damage the delicate RF port and the power supply which is fed to the dish.

Solution

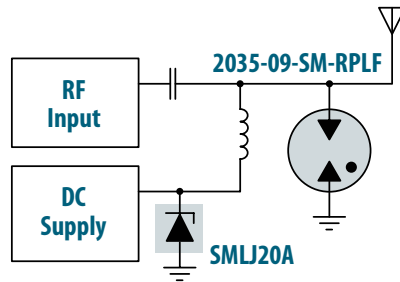
1 GDT: 2035-09-SM-RPLF
1 TVS Diode: SMLJ20A

Compliance

IEC 61000-4-5; 6 kV / 3 kA

Benefit

This solution provides a low height, high-current solution to exposed set top box applications



The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.

Design Kit



PN-DESIGNKIT-37

BOURNS[®]

Americas: Tel +1-951 781-5500
Fax +1-951 781-5700

Europe: Tel +41-(0)41 768 55 55
Fax +41-(0)41 768 55 10

Asia-Pacific: Tel +886-2 256 241 17
Fax +886-2 256 241 16

Bourns[®] PortNote[®] solutions provide protection recommendations for typical port threats.

For more information, go to:

www.bourns.com

or email: protection@bourns.com