



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.

Compliance

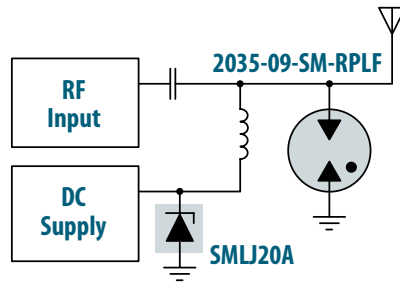
IEC 61000-4-5; 6 kV / 3 kA

Benefit

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

Solution

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



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