



# 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

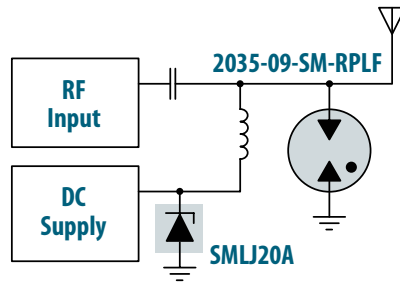
1 GDT: 2035-09-SM-RPLF  
1 TVS Diode: SMLJ20A

## 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