

Satellite Receiver RF Input Surge Protection

Solution Products



2035-09-SM-RPLE



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

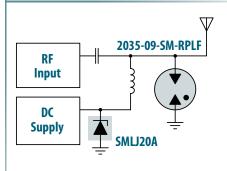
IEC 61000-4-5; 6 kV / 3 kA

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.



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Asia-Pacific: *Tel* +886-2 256 241 17 *Fax* +886-2 256 241 16 Bourns[®] PortNote[®] solutions provide protection recommendations for typical port threats.

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