

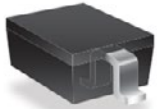
Solution Products



2031-15T-SM-RPLF



TBU-CA050-500-WH



CDSOD323-T05LC

Objective

Exposed RF ports require a high-level of surge protection and a low insertion loss. This solution offers protection capability of 6 kV (10/700 μ s waveform) with minimal insertion loss.

Solution

- 1 Fast-Acting Gas Discharge Tube (GDT):
2031-15T-SM-RPLF
- 1 TBU[®] High-Speed Protector (HSP):
TBU-CA050-500-WH
- 1 TVS Diode Array:
CDSOD323-T05LC

Compliance*

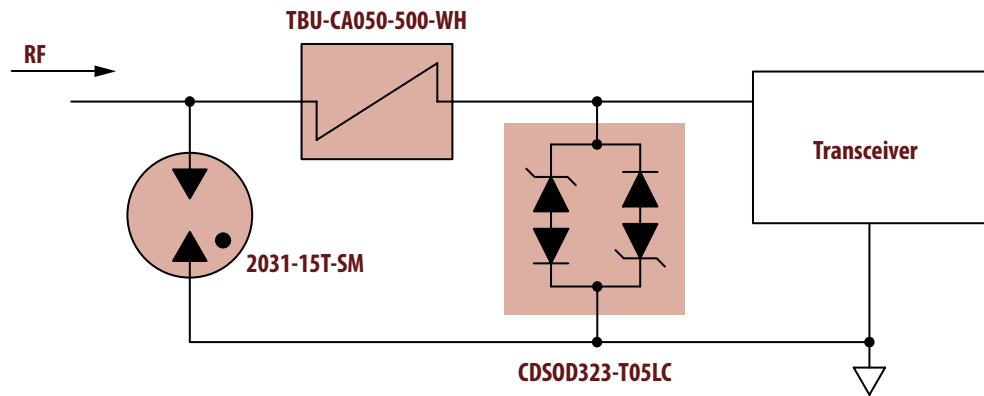
6 kV, 10/700 surge

Alternate Recommendations

CDSOD323-TxxLC for various voltage options.

Benefit

Provides both overcurrent and overvoltage protection, high-speed performance and low let-through energy.



**The Bourns[®] model 2031-15T-SM-RPLF Fast-Acting Gas Discharge Tube (GDT), TBU[®] HSP model TBU-CA050-500-WH and model CDSOD323-T05LC TVS Diode Array help to ensure an application's compliance to a 6 kV, 10/700 surge recommendation.*

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

For more information, go to:
www.bourns.com
or email: protection@bourns.com