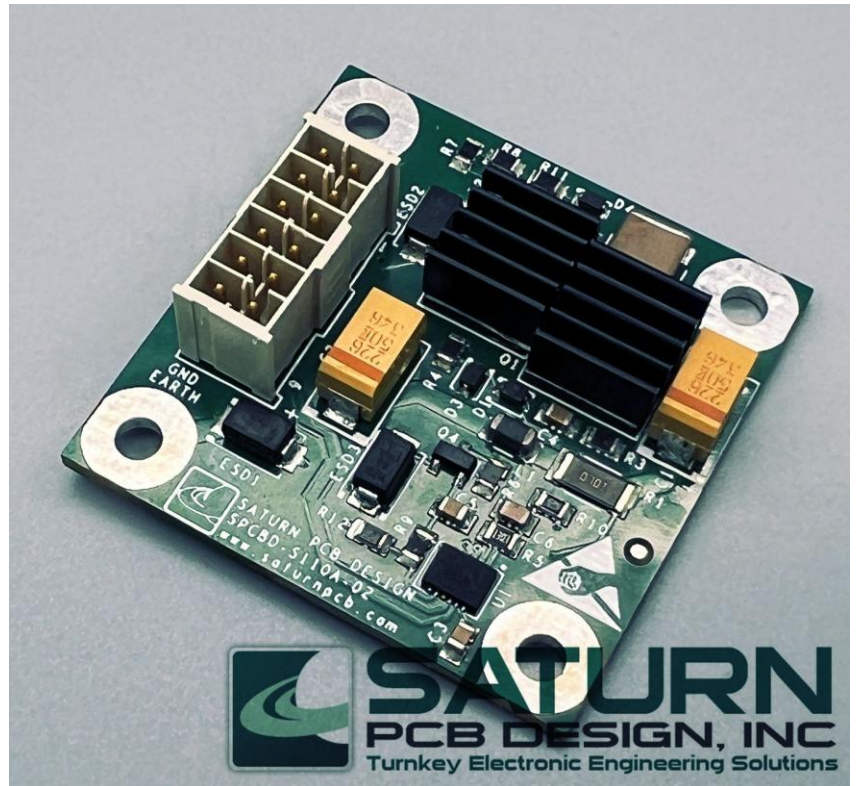


MIL-1275E Surge Suppressor
Part Number: SPCBD-S110A-03

Features

- MIL-1275E Operation
- Vin: 27 to 33VDC
- TVA Diodes on input
- Current limited at 5A
- PCB Size: 1.5" x 1.5"
- Interrupted supply
- Operating Temperature:
-40°C to 125°C
- Can be customized to meet
your project needs.



Product Link:

<https://saturnpcb.com/mil-1275/>

Applications

- 28 Volt military / aerospace applications



Description

The SPCBD-S110A-03 is a low-cost solution for MIL-1275E applications as well as any electronic systems that require a high-performance interrupted surge suppressor. It utilizes an LT4363 IC to maintain optimal performance and reliability and can pass 5 amps continuously until tripped.

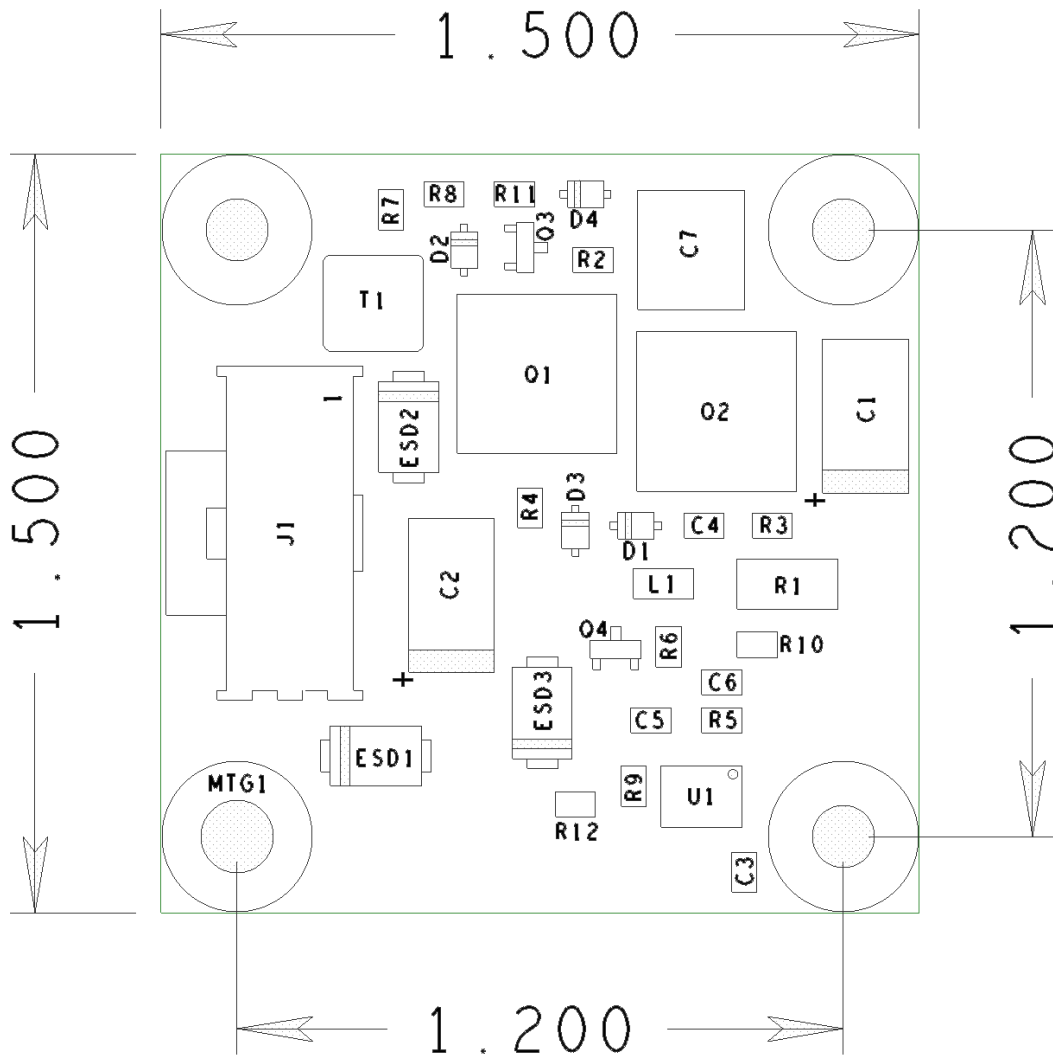
The PCB is manufactured using high temperature FR-4 for durability in extreme conditions.

More information on the LT4363 can be found here:

<https://www.analog.com/media/en/technical-documentation/data-sheets/4363fb.pdf>

Dimensions

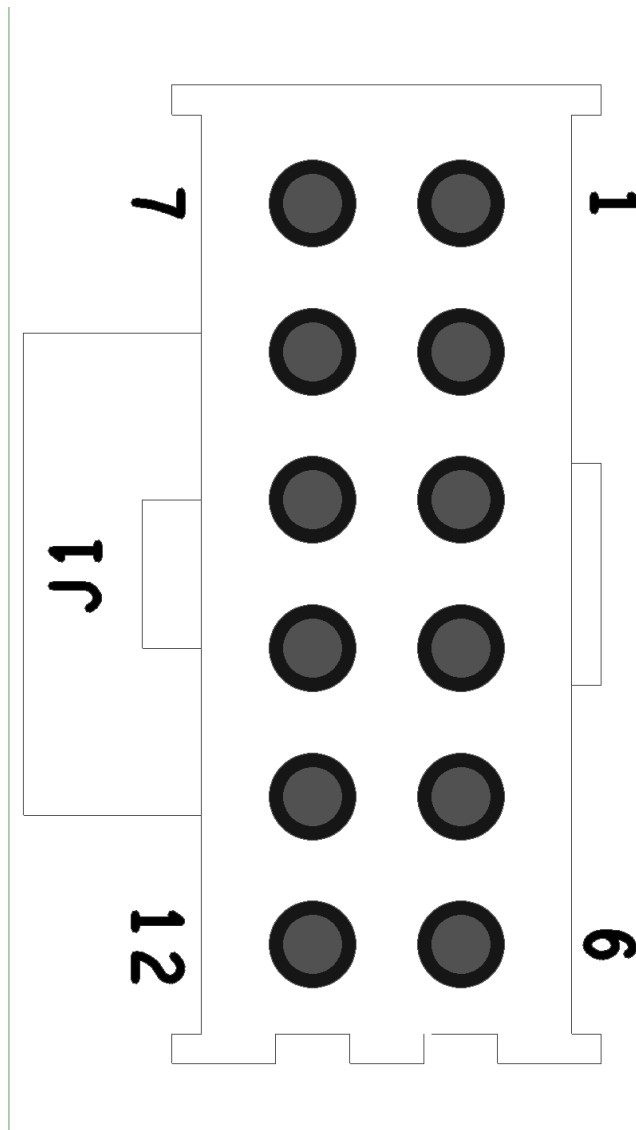
L•W•H: 1.5"•1.5"•0.062"



J1 Pinnout

Samtec IPL1-106-01-L-D-K Connector

- 1-2: Power In
- 3-4: +28V Out
- 5: Fault Out (Low True)
- 6-12: Chassis GND
- 7-10: GND In/Out
- 11: Enable Out



Note:

A 0.1" pitch pin header can be used in place of the Samtec connector.