



APPROVAL SHEET

Graphic Card Protector

MODEL NO: SP162



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Checked by James	Drafted by Austin
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Spire Corp.

1.Features

- ① SP162 is an over –Voltage protector on 12V to avoid devices to be damaged by irregular high voltage.
- ② Over Voltage Protection : Protection will be activated if irregular voltage beyond allowance detected.
- ③ Over Current Protection : The fuse value of Graphic Card Protector is 15A. The fuse will be latched off if continuous load of Graphic Card Protector stays in 19~23A for 3~5 seconds.
- ④ Deduction of ripple noise : 50% of ripple noise could be filtered through the components installed near
- ⑤ Deduction of radiation : 50% of radiation could be filter through EMC core.
- ⑥ Color changeable Led indicator

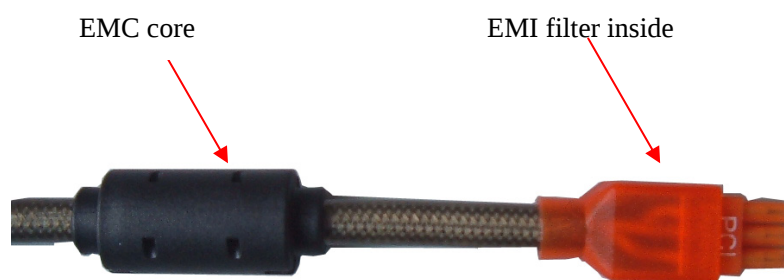
2.Specification

Over-voltage protection rate

Protection	minimum	average	maximum
12V OVP	14.5V	15.2V	16.0V

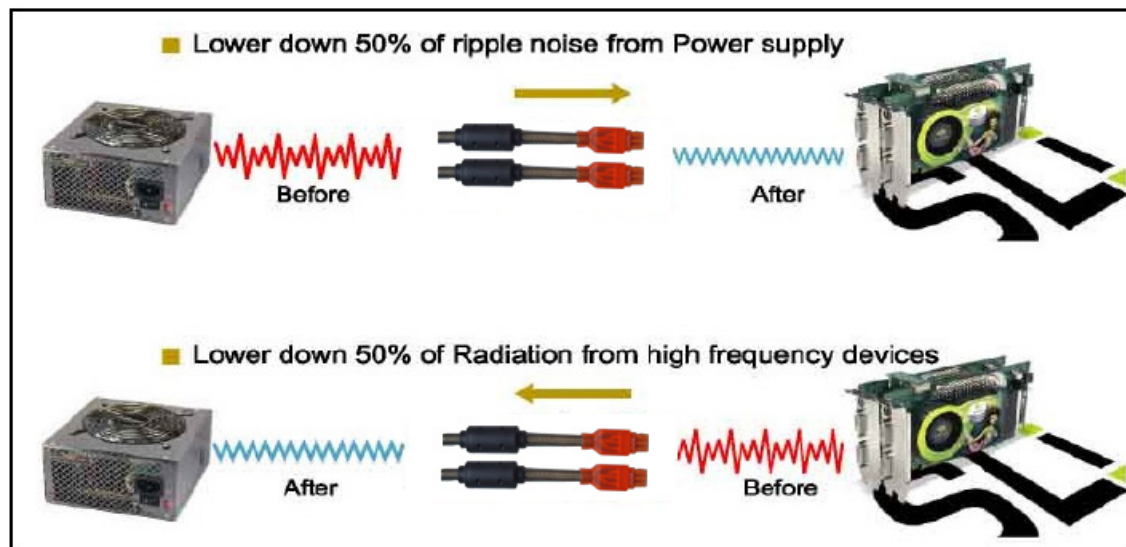
Over-current protection rate

Protection	minimum	average	maximum
12V OCP	19.0A	20.6A	23.0A



3. Radiation & EMI deduction diagram

Operation of REMI Technology (*Radiation & EMI deduction Technology*)



4. Assembly Drawing

