

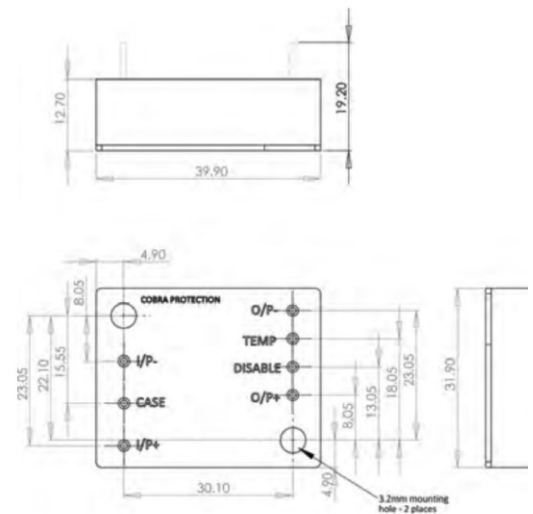


The avanta PCB Mounted, baseplate cooled, Surge and Transient Protection Device is a mil-spec, low profile, fully compliant, base plate cooled surge suppression module with a current capability of up to 10A

Designed for harsh military applications, the **AVMIL-SB-115-24** clamps all surges above 38VDC, to protect your downstream equipment, for both platform and terminal connected equipment.

Integrated EMC filtering to MIL-STD 461 and surge protection to MIL-STD 704/ 1275/ DEF-STAN 61-5-part 6 Part 6 Issue 6 allows for direct connection to the supply voltage.

Benefit	Feature
No need for additional filters	EMC to MIL-STD 461G Surge & Transient Protection to: DEF-STAN 61-5 Part 6 issue 6 Reverse Polarity Protection
Simple to cool	Base plate cooled
Fits anywhere	Small form factor Aerospace compliant Land compliant Marine compliant
Easy to integrate	PCB Mounted
Available off the shelf	Distributor stocked



TECHNICAL DETAILS

Input Specifications

Input Voltage 9 to 36V DC
Max Input Current 10A

Output Specifications

Output Voltage Input Voltage, but clamped to 36V Max

Protection

Short Circuit Protection Continuous, Auto Recovery, Hiccup Mode
Over Temperature Protection 105C at the Centre of the Baseplate

Efficiency

100% Load 86% at Nominal Input Voltage
Turn On Time <60ms

MTBF

EMC >300 KHrs

Mil Standards

Mil-Std 461G CE101, CE102, CS101, CS103,
MIL-Std 810F Shock/Vibration

DEF-Standards

DEF-STAN 59-411 DCE01, DCE02, DCS01, DCS02

DEF-STAN 00-35

CE / UKCA



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