



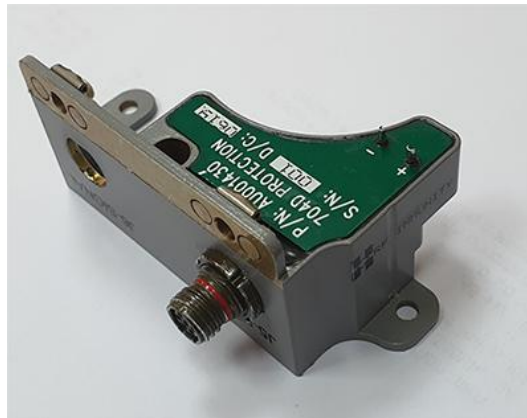
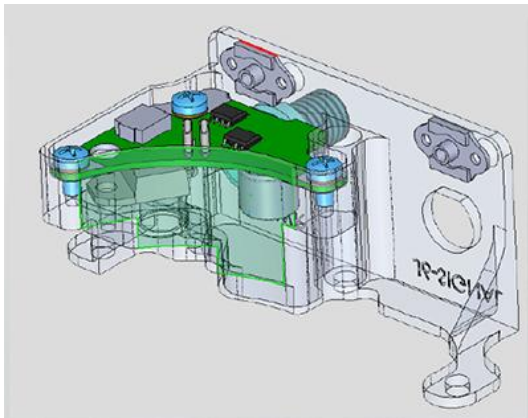
## Oct. 2019 -Success Story

### New design of Protection unit for MIL-STD- 704D

**RF Immunity** is proud to present a development of a special protection unit with Mighty Mouse connector interface to comply with MIL-STD-704D. The unit designed to protect the power supply fans cooling system against un-stable power (spikes and surges), which comes from the aircraft power source.

The unit designed to fit to an existing mechanical design of the system with very tight mechanical limitations and complex mechanical shape.

The design considers the extremely harsh environmental conditions, typical for avionic applications



#### Key Characteristics:

- Connector Interface – Mighty Mouse Glenair 801-009-07
- Operating Working Temperature  $-46^{\circ}$  to  $+90^{\circ}$
- Input Working Voltage: 12V To 32V
- Input Transient Voltage:  $+50V @ 50msec @ 0.5\Omega$  source impedance per MIL-STD-704D  $\pm 600Vpk @ 10\mu sec$  per MIL-STD-704D
- Output Working Voltage:  $V_o = V_{in} - V_{drop\ out}$  (11.5Vmin to 36Vmax)
- Output Transient Working Voltage: 33V To 36V@50msec
- Working Current: 5A max.

RF Immunity can be your professional design partner for special interconnection solutions with custom mechanical and electrical features that suit your needs. This can be ordered even for low qty batch and with cost effective pricing approach.

For more details, please contact: [sales@rfirmunity.co.il](mailto:sales@rfirmunity.co.il)

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## **About RF Immunity**

RF Immunity established in 2002 as a privately owned company that specializes in the design and manufacturing of EMI/RFI filtered connectors, transient protection connectors and hermetically sealed and customized connectors. Our products are based on highly advanced filtering technologies and techniques, and excel in the design and manufacturing of unique filtering solutions, made to meet the specific requirements of each customer. The miniaturized RF Immunity products are renowned for their quality and they perform perfectly .under extreme environmental conditions

The qualities of RF Immunity products make them an ideal choice for a variety of applications including military, commercial, avionic and more. These products cover diverse forms of frequency filtering: filtered connectors and filtered units for single line as well as for multi-channel configurations, and protective devices for power supply systems. We place much focus on designing customer specific solutions, protecting their devices from EMI/RFI threats and assuring a reliable and effective solution. RF Immunity is a well-established company leading the Israeli market with proven capacity and experience in the military, industrial and medical arenas. The innovative and highly advanced Israeli technology markets create an abundance of RFI/EMI challenges. These challenges are successfully met by RF Immunity to the complete satisfaction of its customers fulfilling all the necessary requirements.

For more information please contact us at

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