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RFuW Engineering Ltd.

## RFuW Engineering Introduces the RFLM-961122MC-299

### ARNS/IFF High Power SMT Limiter

RFuW Engineering introduces the [RFLM-961122MC-299](#) Aeronautical Radio Navigation Service (ARNS) / Identification Friend or Foe (IFF) High Power SMT Limiter. The RFLM-961122MC-299 provides exceptional “Always On” high power receiver protection against up to + 60 dBm Peak Power with a minimal Insertion Loss and exceptionally low Flat Leakage.

“RFuW Engineering was approached by several key customers who were seeking a replacement for the ACLM-4812. We were able to modify an existing design and quickly bring a solution to market. This enabled our customers to meet critical end customer commitments, and help demonstrate the agility of RFuW Engineering” stated Tim Emery, Senior Partner and Vice President of RFuW Engineering.

The RFLM-961122MC-299 ARNS/IFF Band High Power Limiter product features include:

#### **Features:**

- Limiter Module: 8mm x 5mm x 2.5mm
- Frequency Range: 960 MHz to 1.2 GHz
- High Average Power Handling: +46 dBm
- Peak Power: +60 dBm
- Low Insertion Loss: <0.3 dB
- Return Loss: >17 dB
- Low Flat Leakage Power: <12 dBm @ +30 dBm
- Low Flat Leakage Power: <21 dBm @ +60 dBm
- Low Spike Energy Leakage: <0.5ergs
- Ultra Fast Recovery Time: < 200 nsec
- DC Blocking Capacitors
- “Always On Protection”
  - - No external control lines or power supply required
- RoHS Compliant

The [RFLM-961122MC-299](#) data sheet is available on the website and is available through our [manufacturers' representative partner network](#) as well as our distribution partner RFMW, Ltd ([www.rfmw.com](http://www.rfmw.com)).

**About RFuW Engineering, Ltd.:** *RFuW Engineering, Ltd. was founded in 2014 by former senior management of Aeroflex & MACOM specifically focused on supporting RF customers who have become marginalized by the unhealthy consolidation trend plaguing the RF industry. RFuW Engineering, Ltd. offers high power, high reliability, SMT Limiter and Switches in the HF to X Band frequency range designed, developed and produced in the company's Asia base of operation.*

RFuW Engineering, Ltd.

[sales@rfuw-engineering.com](mailto:sales@rfuw-engineering.com)

[www.rfuw-engineering.com](http://www.rfuw-engineering.com)