

SPACE PASSIVE COMPONENT DAYS

Poster Session

Wednesday 12th October 2016

Title	Company
Capacitor and Resistors with extended operating temperature range for GaN applications – Development and Space Evaluation	Alter Technology
Ultra thin tantalum capacitors	AVX
High-stability oscillators based on leading-edge quartz technology enabling high accuracy space instruments	Rakon
Development of antistatic high-performance polymer nanocomposites to avoid space surface charging	Luxembourg Institute of Science and Technology
Ultra-Low Noise 100 MHz OCXO (USO)	Axtal
Supercapacitor Parameters Degradation Analysis by Energy Cycling and Calendar Life Tests	Eggo Space
SCHURTER Space Fuses up to 15A	Schurter AG
Reconstituted mica capacitors in high voltage space applications	Exxelia Technologies - Eurofarad
Thin film micro-acoustics technology for RF front ends	VTT
Development of standard new high temperature wires range space applications	Axon Kabel GmbH
Sun sensor printed on flexible circuit board for pico-satellites	CSEM SA
Connector socket wire breakage by ultrasonic cleaning resonance	Thales Alenia Space

3D Electromagnetic modeling of twin toroids ferrite-based phase-shifters	Lab-STICC / UBO
Base Metal Ceramic Capacitor Design and Manufacturing for Space and Military applications.	AVX
Increased miniaturization of surface mounted multilayer ceramic capacitors	Exxelia Technologies
Extending the boundaries of tantalum capacitors for space applications	Exxelia Supply
A highly configurable modular connector for point to point and backplane connections	Smiths Connectors
Methodology for qualification of lead-free solder alloys to the aerospace electronics applications	Politehnica University of Bucharest
Harness Derating Test Facility for Thermal Testing of Aerospace Harnesses	Netherlands Aerospace Centre
ESA capability approvals on two complementary wound magnetics technologies	Exxelia Microspire