Exxelia offers its expertise in designing and manufacturing High-Reliability products for all military aircraft applications. Recognized for its complete high-reliability passive components product offer (including MIL capacitors, MIL resistors, inductors, transformers and EMI / EMC filters), Exxelia is also a major supplier of position sensors and slip rings for critical systems.
Exxelia offers numerous product series with MIL certification perfect for Military Aircraft such as MIL-PRF-83421/6 film capacitors and DSCC 93026 and 10004 wet tantalum capacitors. Other embedded products include EMI filters (single or multiways), pulse, high voltage or high capacitance ceramic capacitors or inductors and transformers.
Exxelia is valued for its ability to develop standard and custom products complying with the most demanding qualifications.

Contact us [www.exxelia.com/en/contact](http://www.exxelia.com/en/contact)

**Precision Mechanics**

Custom product

**EMI Filters**

C-type size 30
- Power: 0.05 W
- Primary: 173 A
- Secondary: 0.23 A
- Frequency: 350 - 720 Hz

**Custom film capacitor**

Mica capacitor
- Low Tolerance up to 1%
- Capacitance: 1 000 pF - 10 µF
- Voltage: 40 V - 400 V
- Up to 25 capacitors rolled into 1 block

**High stability**

Film capacitor KM 94 Series
- Low Tolerance up to 1%
- No piezoelectric effect
- Capacitance: 4.7 nF - 1.2 µF
- Voltage: 40 V - 100 V

**High stability**

Film capacitor KM 82 Series
- Low Tolerance up to 1%
- No Piezoelectric Effect
- Capacitance: 1 000 pF - 1 µF
- Voltage: 40 V

**Slip-Rings**

Customizable
- Power and data transmission
- Standard interface, hollow shaft interface, pancake

**DSCC 93026 & 10004**

Wet tantalum capacitors
- Low ESR
- Capacitance: 10 pF - 10 000 pF
- Voltage: 10 V - 125 V
- -55°C to +125°C

**M83421 & M39022**

MIL film capacitors
- Hermetically Sealed
- Capacitance: 0.001 µF - 12 µF
- Voltage: 30 V - 1 000 V
- -65°C to +125°C

**Linear potentiometer**

Position sensors
- Electrical travel 10 to 525 mm
- -55°C to +150°C

**EMI-RFI Filters**

Type-C, T
- Solder-in or threaded package
- Insertion loss: 4 - 70 dB
- Up to: 10 A
- -55°C to +125°C

**High stability**

Film capacitor KM 82 Series
- Low Tolerance up to 1%
- No Piezoelectric Effect
- Capacitance: 1 000 pF - 1 µF
- Voltage: 40 V

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