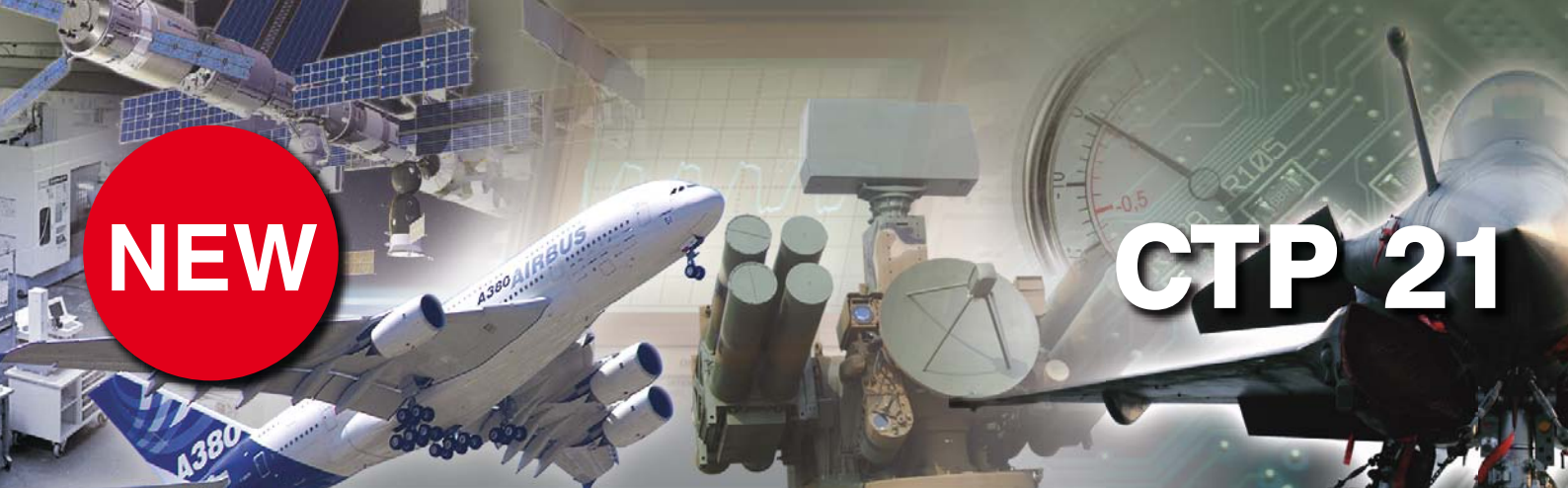




NEW

CTP 21

TANTALUM POLYMER CAPACITOR

FIRADEC launches a new range of products based on conductive polymer technology



Electronic engineering is improved by the use of conductive polymer as cathode in tantalum capacitor.

CTP 21 is a huge step up compared to standard solid tantalum capacitor.

APPLICATION RANGE

Voltage	up to 100 V
Capacitance	Exemple 16 V ➔ 560 μ F 40 V ➔ 150 μ F 100 V ➔ 22 μ F
Typical ESR	Low voltage < 10 m Ω High voltage < 20 m Ω
Application	Filtering Energy storage Energy conversion
Market	Space Aerospace Defense

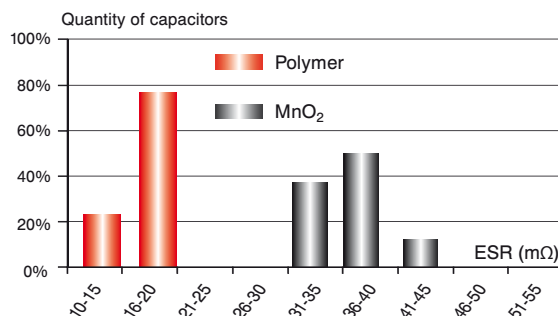
CAPACITANCE

Higher energy density could be achieved with this softer cathode

Twice as much capacitance compared to MnO₂ techno

➔ **Electronic designs are smaller**

EQUIVALENT SERIES RESISTANCE



➔ **Twice less ESR compared to the same component in MnO₂ technology**

SAFETY

Polymer is not an oxidant : no free oxygen, no burning

➔ **No thermal ignition with CTP21**