

NEWSPACE MARKET · COMPANY PROFILE

Elecond

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PRODUCTS

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as of 26 September 2026



Elecond

Elecond (АО «Электонд») — Russian space industry enterprise, Sarapul. Its products listed on NewSpace Market come from the Glavkosmos export catalogue.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

PRODUCTS

Product catalogue



ELECOND

Capacitor K50-80

Low-impedance aluminum electrolytic capacitors with screw terminals, rated for wide voltage and capacitance ranges and extended operating temperatures, intended for use in power el

Purpose	Capacitors are intended to be used in power electronics
Year of release	2005
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	16...160 V
Rated capacitance, µf	680...22000

price on request



ELECOND

Capacitor K50-81

K50-81 is a low-impedance aluminum electrolytic capacitor with wire terminals, designed for power electronics applications with an extended operating temperature range.

Purpose	Capacitors are intended to be used in power electronics
Year of release	2005
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	16...250 V
Rated capacitance, µf	47...6800

price on request



ELECOND

Capacitor K50-83

K50-83 is a low-impedance aluminum electrolytic capacitor with radial wire terminals and sealed construction, designed for small-size power supplies and AC/DC converters in demand

Purpose	Small size power supplies and AC/DC converters for application in demanding conditions, mo
Year of release	2006
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...450 V
Rated capacitance, µf	22...22000

price on request



ELECOND

Capacitor K50-84

Aluminum electrolytic capacitor with radial screw terminals, designed for small-size power supplies and AC/DC converters operating in demanding conditions.

Year of release	2006
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	16...100 V
Rated capacitance, µf	1500...100000
Capacitance tolerance	+30...-10; ±20

price on request



ELECOND

Capacitor K50-85

K50-85 is a compact aluminum electrolytic capacitor with axial-wire terminals designed for small-size power supplies and AC/DC converters operating in demanding conditions.

Rated voltage	6.3...450 V
Rated capacitance, µf	1...4700
Capacitance tolerance	+30...-10; +50...-10; ±20
High environmental temperature, maximum value during operation	100 S
Low environmental temperature, minimum value during operation	minus 60 C
Year of release	2007
Design life	25 years

price on request



ELECOND

Capacitor K50-87

K50-87 is an aluminum electrolytic capacitor with axial-wire terminals designed for small-size power supplies and AC/DC converters operating in demanding conditions.

Rated voltage	6.3...450 V
Rated capacitance, µf	1...15000
Capacitance tolerance	+50...-20; ±20
High environmental temperature, maximum value during operation	125 S
Low environmental temperature, minimum value during operation	minus 60 C
Year of release	2008
Design life	25 years

price on request



ELECOND

Capacitor K50-88

K50-88 is an aluminum electrolytic capacitor with radial wire terminals designed for small-size power supplies and AC/DC converters used in demanding conditions, including mobile r

Purpose	Small size power supplies and AC/DC converters for application in demanding conditions, mo
Year of release	2008
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	63...450 V
Rated capacitance, µf	100...2200

price on request



ELECOND

Capacitor K50-89

Aluminum electrolytic capacitor with radial wire terminals, designed for small power supplies and AC/DC converters operating in demanding environmental conditions.

Rated voltage	63...450 V
Rated capacitance, µf	470...4700
Capacitance tolerance	+50...-20; ±20
High environmental temperature, maximum value during operation	125 S
Low environmental temperature, minimum value during operation	minus 60 C
Year of release	2008
Design life	25 years

price on request



ELECOND

Capacitor K50-90

High-reliability aluminum electrolytic capacitor with radial screw terminals, rated up to 450 V and 680 µF, designed for long service life in demanding applications.

Purpose	Medical equipment, railway transport, special-purpose vehicles, electrical power supplies,
Year of release	2010
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	250; 350; 400; 450 V
Rated capacitance, µf	100...680

price on request



ELECOND

Capacitor K50-91

Aluminum electrolytic capacitor for small-size power supplies and AC/DC converters used in demanding conditions.

Purpose	Small size power supplies and AC/DC converters for application in demanding conditions, mo
Year of release	2010
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	250; 350; 400; 450 V
Rated capacitance, µf	470...15000

price on request



ELECOND

Capacitor K50-92

Aluminum electrolytic capacitor with axial-wire terminals designed for small-size power supplies and AC/DC converters operating in demanding conditions.

Purpose	Small size power supplies and AC/DC converters for application in demanding conditions, mo
Year of release	2010
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...450 V
Rated capacitance, μf	1.0...4700

price on request



ELECOND

Capacitor K52-11

The K52-11 is a highly-reliable tantalum wet-slug capacitor designed for severe operating conditions in airborne electronics, aviation, rocket and space equipment, chain radar syst

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	1986
Design life	15 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...100 V
Rated capacitance, μf	15...680

flight proven · TRL 9 price on request



ELECOND

Capacitor K52-17

The K52-17 is a highly-reliable tantalum wet-slug capacitor designed for severe operating conditions in airborne electronics, aviation, rocket and space equipment, chain radar syst

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	2001
Design life	25 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...63 V
Rated capacitance	47...2200 μF

flight proven · TRL 9 price on request



ELECOND

Capacitor K52-18

The K52-18 is a highly-reliable tantalum wet-slug capacitor designed for severe operating conditions in airborne electronics, aviation, rocket, and space equipment, including commu

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	2004
Design life	25 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...125 V
Rated capacitance	1.5...4700 μF

flight proven · TRL 9 price on request



ELECOND

Capacitor K52-19

The K52-19 is a highly-reliable tantalum wet-slug capacitor designed for severe operating conditions in airborne electronics, aviation, rocket and space equipment, chain radar syst

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	2007
Design life	25 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	100, 125, 160, 200 V
Rated capacitance, µf	1.5...220

flight proven · TRL 9 price on request



ELECOND

Capacitor K52-20

The K52-20 is a highly-reliable tantalum wet-slug capacitor designed for severe operating conditions, including those found in rocket and space equipment and communications satelli

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	2009
Design life	25 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...125 V
Rated capacitance, µf	6.8...470

flight proven · TRL 9 price on request



ELECOND

Capacitor K52-21

The Capacitor K52-21 is a highly-reliable tantalum wet-slug capacitor designed for severe operating conditions, offering high specific capacitance and stable performance.

Year of release	2008
Design life	30 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	63 V
Rated capacitance, µf	10...470
Capacitance tolerance	±10; ±20; ±30

flight proven · TRL 9 price on request



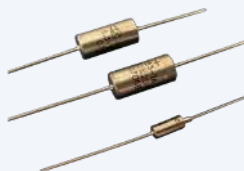
ELECOND

Capacitor K52-9

Tantalum wet-slug capacitor designed for power supply modules used in airborne, rocket, and space equipment, including communications satellites and radar systems.

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	1985
Design life	25 years
Lead time	2 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...125 V
Rated capacitance, µf	1.5...1000

price on request



ELECOND

Capacitor K53-1A

Tantalum solid-electrolyte capacitor for space, aviation and rocket electronics power supply modules.

Rated voltage	6.3...40 V
Rated capacitance	0.033...100 μ F
Capacitance tolerance	$\pm 10\%$; $\pm 20\%$; $\pm 30\%$
Operating temperature	-60°C to +125°C
Design life	25 years
Year of release	1989
Production/delivery lead time	3 months

price on request



ELECOND

Capacitor K53-4

The K53-4 is a series of tantalum solid-electrolyte capacitors designed for power supply modules in airborne electronics, aviation, rocket and space equipment, chain radar systems,

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	1997
Design life	20 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...20 V
Rated capacitance, μ F	0.47...100

flight proven · TRL 9 price on request



ELECOND

Capacitor K53-65

The K53-65 is a series of surface-mount tantalum solid-electrolyte capacitors designed for electronics with stringent weight-size requirements, offering low equivalent series resis

Purpose	Capacitors are intended to be used in electronics with specific requirements to weight-size
Year of release	2005
Design life	25 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	4...50 V
Rated capacitance, μ F	0.1...470

flight proven · TRL 9 price on request



ELECOND

Capacitor K53-66

The K53-66 is a series of tantalum solid-electrolyte capacitors designed for power supply modules in airborne electronics, aviation, rocket, and space equipment, including communic

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	2005
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...50 V
Rated capacitance, μ F	0.22...1000

flight proven · TRL 9 price on request



ELECOND

Capacitor K53-68

K53-68 is a surface-mount tantalum solid-electrolyte capacitor designed for use in special-purpose vehicles, offering low impedance and low leakage current across a wide temperatur

Purpose	Capacitors are intended to be used in special-purpose vehicles
Year of release	2006
Design life	25 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	2.5...50 V
Rated capacitance, µf	0.1...680

price on request

ELECOND

Capacitor K53-69

The K53-69 is a series of tantalum solid-electrolyte, surface-mount capacitors designed for electronics with specific weight-size requirements, offering a guaranteed service life o

Purpose	Capacitors are intended to be used in electronics with specific requirements to weight-siz
Year of release	2006
Design life	25 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	4...50 V
Rated capacitance, µf	0.22...680

flight proven · TRL 9 price on request



ELECOND

Capacitor K53-7

The K53-7 is a series of tantalum solid-electrolyte capacitors designed for power supply modules in airborne electronics, aviation, rocket and space equipment, chain radar systems,

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	1997
Design life	25 years
Lead time	3 months
Possibility to adapt the product to customer requirements	No
Rated voltage	16, 32 V
Rated capacitance	0.1...47 µF

price on request



ELECOND

Capacitor K53-72

The K53-72 is a series of tantalum solid-electrolyte capacitors designed for power supply modules in airborne electronics, aviation, rocket, and space equipment, including communic

Purpose	Power supply modules for airborne electronics, aviation, rocket and space equipment, chain
Year of release	2009
Design life	25 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	2.5...32 V
Rated capacitance, µf	22...1500

flight proven · TRL 9 price on request



ELECOND

Capacitors K50-96

K50-96 are aluminum electrolytic capacitors designed for small-size power supplies and AC/DC converters operating in demanding environmental conditions.

Year of release	2017
Design life	25 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...450 V
Rated capacitance, μf	1...3300
Capacitance tolerance	+50...-20; ± 20

price on request



ELECOND

Capacitors K50-98

Aluminum electrolytic capacitors with snap-in terminals for small power supplies and AC/DC converters used in demanding conditions.

Purpose	Small size power supplies and AC/DC converters for application in demanding conditions, mo
Year of release	2018
Design life	20 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	16...450 V
Rated capacitance, μf	47...47000

price on request

ELECOND

Capacitors K50-97

K50-97 are high-voltage, small-sized aluminum electrolytic capacitors (snap-in and surface-mount) developed to substitute foreign-made equivalents for space applications.

Year of release	2019
Design life	20 years
Lead time	4 months
Possibility to adapt the product to customer requirements	No
Rated voltage	6.3...450 V
Rated capacitance, μf	1.0...10000
Capacitance tolerance	+50...-20; ± 20

price on request



ELECOND

Capacitors K58-26

Supercapacitor (2.7 V, 1–100 F, 15–200 m Ω ESR, -50 to +65 °C, fast charge, maintenance-free, no memory effect). For energy storage and backup power.

Purpose	Energy storage: voltage drop compensation, power bridging, burst discharge, autonomous bac
Year of release	2017
Lead time	2 months
Rated voltage	2.7 V
Rated capacitance, f	1–100
Esr DC, m ω	15–200
Leakage current (72 hr), μa	15–200

flight proven · TRL 9 price on request

Contact Elecond

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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