

Filter Capacitors MLytic +



The **MLytic®+ 4-pole Filter Capacitor** series offers all benefits of Mundorf's unique MLytic® technology as described in detail on page 6 plus the following features:

Supply availability	Typically immediately ex stock for all types listed on page 27 4-6 weeks for your individual combination of features · from 144pcs only
Versatile applicable	RoHS-compliant · lead free REACH compliant Finest UL-listed ingredients only Sectional specification DIN 41332 · IEC 60384-4 Climatic category IEC 60068 40/105/56
Indication of origin	Made in Germany with greatest care
4-Pole Technology	Separated in- and outputs for minimized ESR and ESL, no magnetic loss and exceptional filter characteristics. Note: Usable only in low-current applications!
Capacitance range	300µF to 3 300 000µF
DC voltage range	16 · 25 · 35 · 40 · 50 · 63 · 80 · 100 · 160 250 · 350 · 400 · 450 · 500 · 550
Temperature range	-40°C/-40°F to 125°C/+255°F [16V to 63V] -25°C/-13°F to 105°C/+220°F [80V to 450V] -40°C/-40°F to 85°C/+185°F [500V to 550V]
Useful lifetime [U _R · I _{R~}]	3 000 hours at +125°C/+255°F [16V to 63V] 8 000 hours at +105°C/+220°F [16V to 450V] 16 000 hours at +85°C/+185°F [16V to 450V] 8 000 hours at +85°C/+185°F [500V to 550V]
Rated lifetime [U _R]	1 000 hours at +125°C/+255°F [16V to 63V] 2 000 hours at +105°C/+220°F [16V to 450V] 2 000 hours at +85°C/+185°F [500V to 550V]
Case diameter [mm]	35
Case heights [mm]	Customized from 30 to 100 [typically in 5mm steps]
Case diameters [inch]	1.38
Case heights [inch]	Customized from 1.38 to 3.94 [typically in 0.2inch steps]
External insulation	Lead free PVC sleeve with end disk · voltage proof ≥2500 AC
Leakage current [I _l]	≤ 0,008 * C _R [µF] * U _R [V] + 6µA after 5 minutes at U _R
[ESL]	20nH equivalent series inductance
Maximal reverse voltage	2V

