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 $16 \cdot 25 \cdot 35 \cdot 40 \cdot 50 \cdot 63 \cdot 80 \cdot 100 \cdot 160$

 $250 \cdot 350 \cdot 400 \cdot 450 \cdot 500 \cdot 550$

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 $_R \cdot I_{R^{\sim}}$] 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

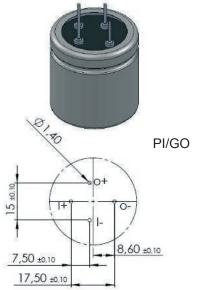
Case heights [inch] Customized from 1.38 to 3.94 [typically in 0.2inch steps]

External insulation Lead free PVC sleeve with end disk · voltage proof ≥2500 AC

Leakage current $[I_L]$ $\leq 0,008 * C_R [\mu F] * U_R [V] + 6\mu A$ after 5 minutes at U_R

[ESL] 20nH equivalent series inductance

Maximal reverse voltage 2V



Drilling Plan Component Side Bohrplan Bestückungsseite