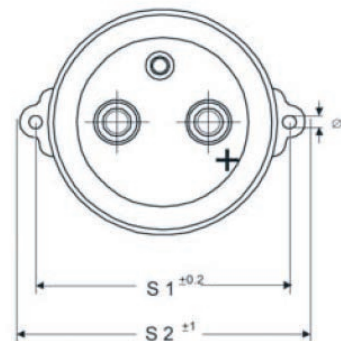
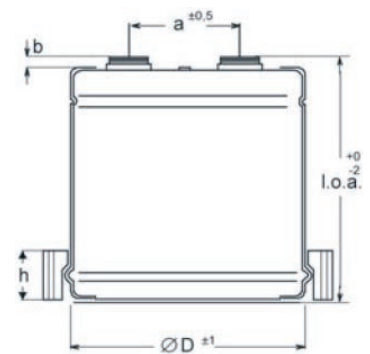
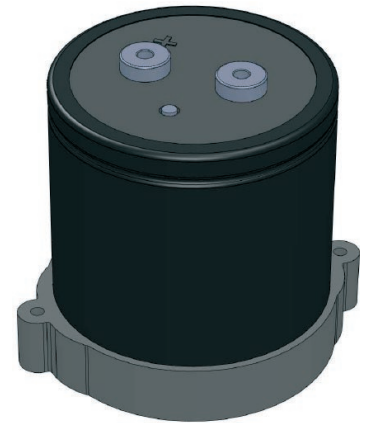


## Power Capacitors MLytic HC



The **MLytic® HC · High Current Power Cap** 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 25  4-6 weeks for your individual combination of features · from 18pcs 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
Capacitance range	1 000µF to 220 000µF
DC voltage range	40 · 50 · 63 · 80 · 100 · 160 · 250 · 350 · 450
Temperaturbereich	-25°C/-13°F to 105°C/+220°F
Useful lifetime [ $U_R \cdot I_{R\sim}$ ]	8 000 hours at +105°C/+220°F 16 000 hours at +85°C/+185°F
Nennlebensdauer [ $U_R$ ]	2 000 hours at +105°C/+220°F
Gehäuse-Ø [mm]	50 · 75 · 90
Case heights [mm]	Customized from 70 to 100 [typically in 5mm steps]
Case diameters [inch]	1.97 · 2.95 · 3.54
Case heights [inch]	Customized from 2.76 to 3.94 [typically in 0.2inch steps]
External insulation	Lead free PVC sleeve with end disk voltage proof $\geq 2500$ AC
Leakage current [ $I_L$ ] [ESL]	$\leq 0,008 * C_R [\mu F] * U_R [V] + 6\mu A$ after 5 minutes at $U_R$ 20nH equivalent series inductance
Maximal reverse voltage	2V



## Power Capacitors MLytic HC

Inner Excellence

The **MLytic® HC • High Current Power Cap** offers ultra-low ESR and ESL, due to a patented internal connection technique.

These capacitors, which were originally developed for use in locomotives, are consequently optimized for audio purposes and designed for heatsink mounting.

They can handle hundreds of amperes and supply extreme pulse currents. That is why even massive bass attacks are performed absolutely authentic and punchy.

Additionally their exceptional fastness results in most dynamic and accurate low frequency as well as a revealing and vivid mid and high frequency reproduction.



Casing	D	I.o.a	a	b	h	s1	s2	x
	[mm]	[mm]	Dimensions [mm]					
1	50	71	22.0	4	20	63	75	4.5
2	75	70	31.7	4	20	90	102	4.5
3	90	75	31.7	6	20	106	118	4.5
4	90	104	31.7	6	20	106	118	4.5

### MLHC

#### High Current Power Cap, Screw-Terminal, 2Pin

Rated Voltage [VDC]	Capacitance [ $\mu$ F] $\pm 20\%$	Case Size $\varnothing * L$ [mm]	Wire Size $\varnothing * L$ [mm]	Rated Ripple Current IR~ at Tmax and 100Hz [A]	Surge Voltage [VDC]	ESR at 100 Hz [mOhm]	Tan $\delta$ @ 100Hz	Nominal Current IR for 5 Min. [ $\mu$ A]	[€]
100	22000	90 * 69	M6 (3Nm)	14,9	115	7	10	13200	94,90
100	33000	90 * 69	M6 (3Nm)	18,3	115	5	10	19800	124,90
100	47000	90 * 98	M6 (3Nm)	24,4	115	3	10	28200	159,90
80	10000	50 * 67	M5 (2Nm)	9,2	92	11	7	4800	49,90
80	22000	75 * 66	M5 (2Nm)	13,0	92	7	10	10560	74,90
80	47000	90 * 69	M6 (3Nm)	21,8	92	3	10	22560	124,90