

LASER DISCHARGE CAPACITORS

Sangamo Type LDC Laser Discharge Capacitors are specifically designed for laser applications where the discharge is over-damped or the load is essentially resistive. The energy required for laser pumping can be conveniently and efficiently supplied by selecting Sangamo Type LDC capacitors with the appropriate energy and voltage ratings. Sangamo Type LDC Laser Discharge Capacitors are available for immediate delivery from stock.

TYPE LDC

Catalog Number	Capacitance* μf	Discharge† Voltage KV	Energy joules	Figure	Size (AxBxC) Inches	Catalog Number	Capacitance* μf	Discharge† Voltage KV	Energy joules	Figure	Size (AxBxC) Inches
780501	19	3	85	I	$4\frac{9}{16} \times 3\frac{3}{4} \times 5$	784503	40	5	500	II	$4 \times 8 \times 12\frac{7}{8}$
780502	12	4	96	I	$4\frac{9}{16} \times 3\frac{3}{4} \times 5$	784504	10	10	500	III	$4 \times 8 \times 12\frac{7}{8}$
780503	8	5	100	I	$4\frac{9}{16} \times 3\frac{3}{4} \times 5$	785501	112	4	900	IV	$4\frac{1}{2} \times 13\frac{1}{2} \times 12\frac{7}{8}$
781004	40	3	180	I	$4\frac{9}{16} \times 3\frac{3}{4} \times 9\frac{1}{2}$	785502	72	5	900	IV	$4\frac{1}{2} \times 13\frac{1}{2} \times 12\frac{7}{8}$
781005	25	4	200	I	$4\frac{9}{16} \times 3\frac{3}{4} \times 9\frac{1}{2}$	785503	18	10	900	IV	$4\frac{1}{2} \times 13\frac{1}{2} \times 12\frac{7}{8}$
781006	16	5	200	I	$4\frac{9}{16} \times 3\frac{3}{4} \times 9\frac{1}{2}$	786501	145	4	1160	IV	$5\frac{1}{8} \times 13\frac{1}{2} \times 12\frac{7}{8}$
782001	66	3	300	II	$4 \times 8 \times 9\frac{1}{2}$	786502	92	5	1160	IV	$5\frac{1}{8} \times 13\frac{1}{2} \times 12\frac{7}{8}$
782002	42	4	340	II	$4 \times 8 \times 9\frac{1}{2}$	786503	23	10	1160	IV	$5\frac{1}{8} \times 13\frac{1}{2} \times 12\frac{7}{8}$
782003	27	5	340	II	$4 \times 8 \times 9\frac{1}{2}$	787001	187	4	1500	IV	$5\frac{1}{8} \times 13\frac{1}{2} \times 15\frac{1}{2}$
783001	80	3	360	II	$4 \times 8 \times 11$	787002	120	5	1500	IV	$5\frac{1}{8} \times 13\frac{1}{2} \times 15\frac{1}{2}$
783002	54	4	430	II	$4 \times 8 \times 11$	787003	30	10	1500	IV	$5\frac{1}{8} \times 13\frac{1}{2} \times 15\frac{1}{2}$
783003	34	5	430	II	$4 \times 8 \times 11$	789001	375	4	3000	V	$5\frac{1}{8} \times 20 \times 22$
784501	100	3	450	II	$4 \times 8 \times 12\frac{7}{8}$	789002	240	5	3000	V	$5\frac{1}{8} \times 20 \times 22$
784502	62	4	500	II	$4 \times 8 \times 12\frac{7}{8}$	789003	60	10	3000	V	$5\frac{1}{8} \times 20 \times 22$

* Standard capacitive tolerance is -5%, +15%.

† These units have been designed for discharge applications and should not be operated continuously without proper voltage derating.

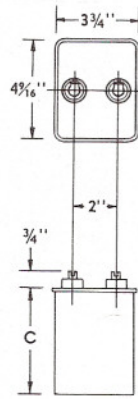


FIGURE I

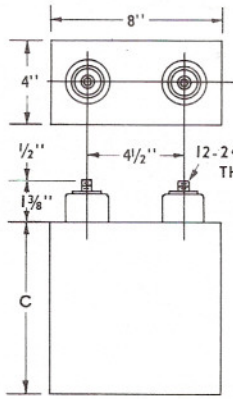


FIGURE II

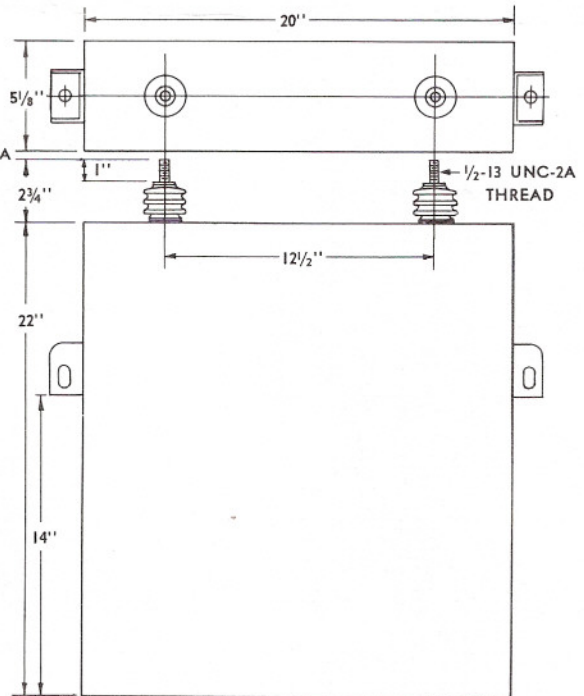


FIGURE V

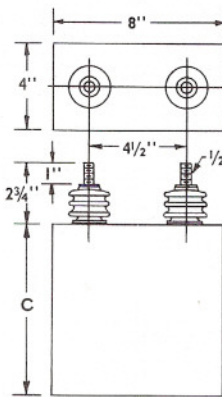


FIGURE III

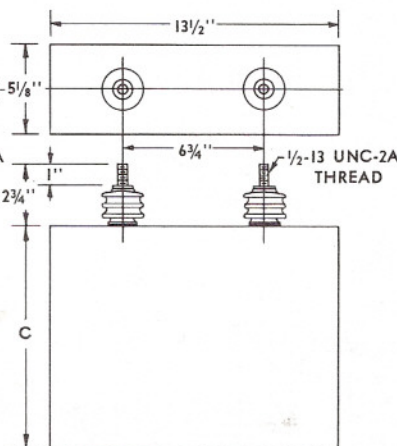


FIGURE IV