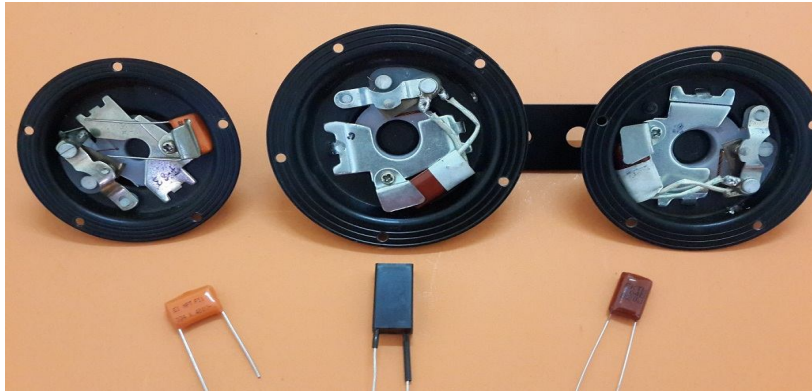


El-Ci-Ar High Performance Capacitors for D.C. Horns



MAIN APPLICATION: D.C. Horns.

FEATURES: Spark quenching in D.C. Horn circuits. We have designed capacitors as per customers' specifications and our in-house tests, using our experience in manufacturing High Voltage capacitors, have offered Horn manufacturers custom fit capacitors to various products.



Polyester Film, Box type

Construction :
Film foil, vacuum impregnated box encased, custom made connection.



Metallised Polyester, dipped

Construction :
Metallised Film, vacuum epoxy dipped, radial lead.



Polyester Film, Inductive, dipped

Construction :
Film foil, inductively wound, vacuum epoxy dipped, radial lead.

We have developed the above 3 types of capacitors for different customers to suit their unique requirement.

Technical Specifications :

CAPACITANCE VALUE: 0.01 μ F to 2.2 μ F as required by customers.

TAN δ : $\leq 0.7\%$ at 1 KHz.

MAX TEMP RATING: 85° C

RATED VOLTAGE :- 400 VDC to 1 KV DC

CAPACITANCE TOLERANCE: $\pm 5\%$, $\pm 10\%$.

VOLTAGE PROOF TEST : Between terminals : 2 x Rated Voltage for 2 seconds.

Insulation resistance: IR ≥ 50000 M Ω at 100 VDC after 1 minute.

LIFE TEST : (As specified in – IEC 384 Part 11):

Loaded at 1.5 times of rated DC voltage at 85° C for 1000 hours.

After the test:

$\Delta c/c$: $\leq 5\%$ of initial value.

Change in Tan δ : ≤ 0.08 or 1.2 times the value measured before the test, whichever is higher.

Insulation resistance: $\leq 50\%$ of the value.

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