## (6) capacitors & Inductors

Resistor source cores Power Pozzi of Head Pacres (25,5,5,3,

capaciton & Inductor -> Energy Storage Element

Capasiton: Etim metal plate or sorrontes (755 (+3-)

ATTEND LATER Space 9 loter 2327 Electric Field

27 ATACO Covered Cofa 25, OPE capacitos

9=676 (= 25m bolizar 212) V= (5/6)

+ = + = + EA

ASTOTALTERA Unit Forced (F) C= DELALPACEDA

A: ७6 (अटी र (१५०)क्र

9= मिर अद्यं भाषीयका, रेप्रके E = permitrity

Resistivity 2002 Coductors of orcy front I moderial of As easily (workent flow

DACOT CYCAT

capatition A DC Source

अना पार्रेड्रिकार् material RAS easily LEG meta

Capasitor Stones energy in form of voltage

plate of worth · Clectric field (s) 4370 (4 CAT

i= C di

V= 2/c (+ id+ + v(+0))

= somethings are owner care appr

Evergy

2000cc (m. 196 cut (196, 196, 196, 196) \* DC cincuit of Ceres Capaciton To open cincuit pF -- 10-12 mF 10-6 (micro)

Jenies & panallel Capacitors

Lz Inductance

Dr. of Som

Inductor

Unit Henrys (H)

E186+1116

since a later a later a serie

 $\frac{1}{(eq)} = \frac{1}{(2)} + \frac{1}{(2)} + \frac{1}{(3)} + --- + \frac{1}{(N)} - (ii)$ 

Inductor

transport 2 2000 Contractory

L= NUA (+un of (011))

M = pormeability of come

A= Cross-sectional wrea

A= (has (orcar)

Permibility. (ATA PAZA MON OA

62015m 221622-

Grances magnetic field lots 200, and & lota 200oliza pennibility,



