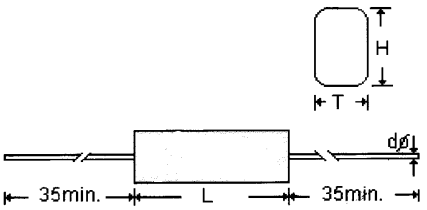
METALLIZED POLIESTER FILM CAPACITOR AXIAL LEADS FLATTENED



TYPICAL APPLICATIONS:
Couplings, decoupling, bypass, filtering, timing, automatic control system, communications equipment, charging/discharging, lighting, noise suppression, etc.

FEATURES:
High stability, non-inductive, self-healing properties, high capacitance value and compact size, etc.

MARKING:
Manufacturer's logo, capacitance, tolerance, rated voltage and type.

DIELECTRIC:
Polyester film.

ELECTRODES:
Aluminium layer deposited by evaporation under vacuum.

CONSTRUCTION:
Metallized polyester film, non-inductive, axial leads, tape-wrapped with epoxy end seals and axial flattened shape.

LEADS:
Tinned wire.

OPERATING TEMP. RANGE:
-55ºC to +105 (At 105ºC with 75% rated voltage.).

CAPACITANCE RANGE:
0.01?F to 33?F

CAPACITANCE TOLERANCE:
20%, 10%, 5%

RATED VOLTAGE:
100VDC, 250VDC, 400VDC, 630VDC, 1000VDC.

DISSIPATION FACTOR:
Tg ? ? 150 ?10^{-4} (10 KHz, 25ºC)
Tg ? ? 80 ?10^{-4} (1 KHz, 25ºC)

INSULATION RESISTANCE:
15,000 M? for C?0.33?F
5,000 s for C>0.33?F

WITHSTAND VOLTAGE
Rated voltage (VDC) x 1.5, 60 seconds

RELATED DOCUMENTS
IEC 60384-2
CECC 30400

STANDARD PRODUCTS AND CASE SIZE TABLE (UNIT: mm)

CAP	PITCH	100VDC			250VDC			400VDC			630VDC		
?F	mm	L	H	T	L	H	T	L	H	T	L	H	T
0.01											13	8	5
0.015								13	7	4.5	15	8	5
0.022								13	8	4.5	15	8	5
0.033					13	7	4.5	15	8	4.5	15	9	5.5
0.047					13	7	4.5	15	8	4.5	20	8	5
0.068					13	7	4.5	15	8	5	20	9	5.5
0.1		15	7	4.5	15	8	4.5	15	9	5	20	11	6
0.15		15	8	4.5	15	9	5	21	9.5	5	20	12.5	7
0.22		15	8	4.5	15	10	6	21	9.5	5	26	12.5	6.5
0.33		15	9	5	21	9.5	5.5	21	11	5	26	15	8
0.47		20	8	4	21	10.5	6	21	13	7.5	28	16	9
0.68		21	9.5	5	21	11.5	7.5	26	14	6.5	33	17.6	9
1.0		21	10.5	6	26	12	7.5	28	15	7.5	33	20.5	12
1.5		21	11.5	8	21	8	11.5	32	16	8.5	37	22.5	13.5
1.5		26	10	6	28	13.5	8.5						
2.2		26	12	7	28	15.5	10	37	18.5	9	47	23	14
3.3		28	15.5	7.8	33	18	10.5	37	22	12	47	27	18
3.3		33	12	7	33	19	10						
4.7		33	14	8.5	33	21	12	47	21	12			
5.6		33	14	9.5	36	21	12						
6.8		33	19	10	37	23	14	47	24	15			
10		37	21	12	47	24	15	57	25.5	16.5			
15		47	21	12	57	26	16						
22		47	24.5	15.5	57	29	20						