

MKP71 - Self healing Power Electronics Capacitors

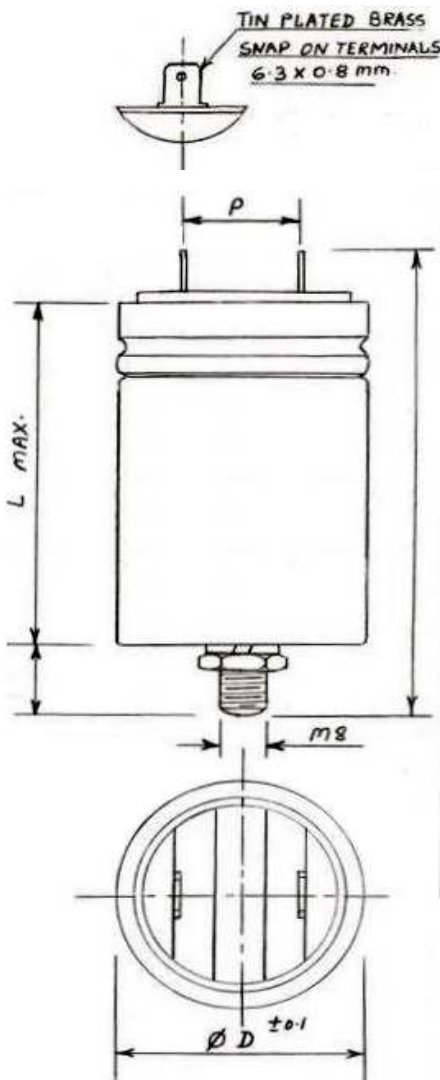


Features

- Oil Impregnated, Aluminium Can Encased
- Dielectric - Polypropylene
- Electrode - Double Metallised Paper
- Coil - Non inductively wound, Extended Foil
- Leads - Fast on terminals, weld jointed to coil
(Double Faston & Stud terminals also available against request)
- Construction - Aluminium can with a threaded stud for mounting.
- Markings - El-Ci-Ar, Capacitance, Tolerance, Voltage, Type
- Capacitor Tolerance - 10% (K), 5% (J)
- Dissipation Factor ≤ 0.001 at 1KHz at 25°C (Typical Value 0.0004)
- Test Voltage b/w terminals $2.5 \times V_r$ for 2 sec
- Test Voltage b/w terminal & case $2 \times V_r + 1000VDC$ for 60 sec
- Max Pulse Rise 500V/usec
- Temperature Range from -25°C to +85°C

Applications

- Damping Capacitor for overvoltage protection of semiconductor devices
- Commutation Capacitor for positive quenching of thyristors
- Smoothing Capacitor for D.C. Circuits
- The Capacitor has a self healing capacity which ensures long life even under occasional overvoltage conditions.



Value (uF)	VAC (RMS)	VDC	D (mm)	L (mm)
0.1	640	900	30	55
0.22	640	900	30	55
0.33	640	900	30	55
0.47	640	900	30	55
0.68	640	900	30	87
1.00	640	900	40	55
1.50	640	900	40	55
2.00	640	900	40	67
2.20	640	900	40	87
0.10	1000	2000	30	55
0.22	1000	2000	30	55
0.33	1000	2000	40	55
0.47	1000	2000	40	70
0.68	1000	2000	40	87
1.0	1000	2000	54	91
1.50	1000	2000	54	91
2.00	1000	2000	54	95
4.00	1000	2000	63	100
1.0	1500	3000	54	95
1.5	1500	3000	63	95
0.15	2000	5000	40	70
0.22	2000	5000	40	70
0.47	2000	5000	54	91

* Double Tag Terminals are available in 54mm / 63 mm diameter
 * Stud Terminals are available in 45 mm / 54 mm / 63 mm diameter
 * Custom Values are also available on request