

### GENERAL TECHNICAL CHARACTERISTICS

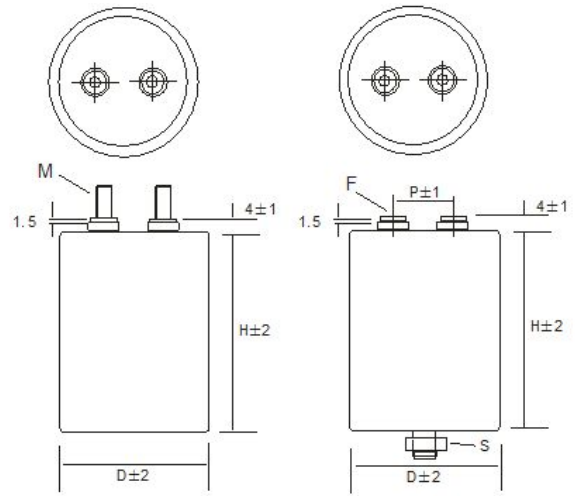
- Dielectric : Polypropylene film
- Construction : Extended double side Getallized carrier film with internal series connection and Getallized film
- Case : Solvent resistant plastic case with resin sealing .  
FlaGe retardant execution (UL94V-0 ).
- Leads: Tinneded insert M6 or M8 fillde with resin

### ELECTRICAL CHARACTERISTICS

- Working teGperature : - 40 to + 85 °C
- Capacitance : 8 to 350µF
- Rated Voltage : 250, 450VAC
- Tolerance : ± 5%, ± 10%
- Dissipation factor: Geasured at 1000±20 Hz AND 25±5°C.  
When Cr≤1.0µF, 4×10<sup>-4</sup>;  
When Cr>1.0µF, 6×10<sup>-4</sup>
- Life expectancy: 30,000 hours at Un and 70°C  
**(Hotspot temperature)**

### TEST GETHODS AND PERFORGANCES

- Dielectric strength: 1.6Ur (DC) applied for 10s at 25±5°C  
(1 Ginute for type test)
- Insulation resistance : 3000s but need not exceed 30GΩ  
(typical value), after 1 Ginute of electrification at 100Vdc (25±5°C)



Clamp mounting

Stud mounting

### Outline drawing

| Case    | Out put |            |       |            | Stud mounting |        |            |
|---------|---------|------------|-------|------------|---------------|--------|------------|
|         | M       | Torque     | F     | Torque     | P             | S      | Torque     |
| D=55    |         |            | M5×20 | 2.5N.M MAX | 22.0          | M10×12 | 6.0N.M MAX |
| D=60,65 |         |            | M5×20 | 2.5N.M MAX | 28.5          | M12×16 | 8.0N.M MAX |
| D=76,86 | M8×20   | 8.5N.M MAX | M6×20 | 4.5N.M MAX | 32.0          |        |            |

### Electrical specifications,ordering codes

| Part Number             | CAP<br>µF | Dimension (mm) |     |      | Irms<br>max@25°C | ESR @10kHz<br>(mΩ) | RTH<br>(k/W) |
|-------------------------|-----------|----------------|-----|------|------------------|--------------------|--------------|
|                         |           | D              | H   | P    |                  |                    |              |
| 250Vac 50/60Hz , 400Vdc |           |                |     |      |                  |                    |              |
| DAC 250 K 30 * #        | 30        | 55             | 55  | 22.0 | 27               | 2.8                | 9.7          |
| DAC 250 K 50 * #        | 50        | 55             | 70  | 22.0 | 29               | 3.0                | 8.1          |
| DAC 250 K 60 * #        | 60        | 60             | 70  | 28.5 | 31               | 2.7                | 7.5          |
| DAC 250 K 70 * #        | 70        | 65             | 70  | 28.5 | 34               | 2.5                | 7.0          |
| DAC 250 K 100 * #       | 100       | 55             | 125 | 22.0 | 44               | 2.2                | 5.0          |
| DAC 250 K 120 * #       | 120       | 60             | 125 | 28.5 | 47               | 2.0                | 4.5          |
| DAC 250 K 130 * #       | 130       | 65             | 125 | 28.5 | 49               | 2.0                | 4.3          |
| DAC 250 K 150 * #       | 150       | 76             | 125 | 32.0 | 53               | 1.9                | 3.7          |
| DAC 250 K 200 * #       | 200       | 86             | 125 | 32.0 | 59               | 2.8                | 3.3          |
| DAC 250 K 250 * #       | 250       | 76             | 180 | 32.0 | 68               | 1.7                | 2.6          |
| DAC 250 K 350 * #       | 350       | 86             | 180 | 32.0 | 74               | 1.6                | 2.3          |
| 330Vac 50/60Hz , 600Vdc |           |                |     |      |                  |                    |              |
| DAC 330 K 15 * #        | 15        | 55             | 55  | 22.0 | 24               | 3.5                | 9.7          |
| DAC 330 K 25 * #        | 25        | 55             | 70  | 22.0 | 25               | 4.0                | 8.1          |

|                         |     |    |     |      |    |     |     |
|-------------------------|-----|----|-----|------|----|-----|-----|
| DAC 330 K 33 * #        | 33  | 60 | 70  | 28.5 | 30 | 3.5 | 7.5 |
| DAC 330 K 40 * #        | 40  | 65 | 70  | 28.5 | 32 | 3.0 | 7.0 |
| DAC 330 K 50 * #        | 50  | 55 | 125 | 22.0 | 40 | 2.9 | 5.0 |
| DAC 330 K 65 * #        | 65  | 60 | 125 | 28.5 | 44 | 2.5 | 4.5 |
| DAC 330 K 75 * #        | 75  | 65 | 125 | 28.5 | 47 | 2.2 | 4.3 |
| DAC 330 K 100 * #       | 100 | 76 | 125 | 32.0 | 52 | 2.0 | 3.7 |
| DAC 330 K 130 * #       | 130 | 86 | 125 | 32.0 | 58 | 1.8 | 3.3 |
| DAC 330 K 150 * #       | 150 | 76 | 180 | 32.0 | 65 | 1.7 | 2.6 |
| DAC 330 K 200 * #       | 200 | 86 | 180 | 32.0 | 73 | 1.6 | 2.3 |
| 400Vac 50/60Hz , 700Vdc |     |    |     |      |    |     |     |
| DAC 400 K 12 * #        | 12  | 55 | 55  | 22.0 | 24 | 3.5 | 9.7 |
| DAC 400 K 15 * #        | 15  | 55 | 70  | 22.0 | 23 | 5.0 | 8.1 |
| DAC 400 K 20 * #        | 20  | 60 | 70  | 28.5 | 25 | 4.0 | 7.5 |
| DAC 400 K 25 * #        | 25  | 65 | 70  | 28.5 | 30 | 3.5 | 7.0 |
| DAC 400 K 33 * #        | 33  | 55 | 125 | 22.0 | 38 | 3.0 | 5.0 |
| DAC 400 K 40 * #        | 40  | 60 | 125 | 28.5 | 40 | 2.5 | 4.5 |
| DAC 400 K 50 * #        | 50  | 65 | 125 | 28.5 | 45 | 2.3 | 4.3 |
| DAC 400 K 70 * #        | 70  | 76 | 125 | 32.0 | 50 | 2.0 | 3.7 |
| DAC 400 K 100 * #       | 100 | 76 | 180 | 32.0 | 65 | 1.8 | 2.6 |
| DAC 400 K 130 * #       | 130 | 86 | 180 | 32.0 | 70 | 1.7 | 2.3 |
| 450Vac 50/60Hz , 850Vdc |     |    |     |      |    |     |     |
| DAC 450 K 8 * #         | 8   | 55 | 55  | 22.0 | 23 | 4.0 | 9.7 |
| DAC 450 K 12 * #        | 12  | 55 | 70  | 22.0 | 23 | 5.0 | 8.1 |
| DAC 450 K 15 * #        | 15  | 60 | 70  | 28.5 | 25 | 4.0 | 7.5 |
| DAC 450 K 22 * #        | 22  | 55 | 125 | 22.0 | 35 | 3.5 | 5.0 |
| DAC 450 K 33 * #        | 33  | 65 | 125 | 28.5 | 40 | 2.5 | 4.3 |
| DAC 450 K 47 * #        | 47  | 76 | 125 | 32.0 | 50 | 2.2 | 3.7 |
| DAC 450 K 60 * #        | 60  | 86 | 125 | 32.0 | 55 | 2.0 | 3.3 |
| DAC 450 K 70 * #        | 70  | 76 | 180 | 32.0 | 62 | 2.0 | 2.6 |
| DAC 450 K 90 * #        | 90  | 86 | 180 | 32.0 | 70 | 1.8 | 2.3 |

Part Numbering System :

DAC 450K90 - FS " F " = F for Internal thread, M for lead screw " S " = C for clamp, S for stud mounting

Terminals : nut Part Numbering System : DLA100010-60M" = style "A B C D"

How to Order:

DAC- 250 - K- 15 \*#(FS)

