

# Film Capacitors

## AC Capacitors

### Lighting Capacitor

|                                                                                   |                       |                                                                                                         |                      |
|-----------------------------------------------------------------------------------|-----------------------|---------------------------------------------------------------------------------------------------------|----------------------|
|  | <b>Series</b>         | Lighting Series<br>B32327A/B32327P (with Resin) / B32327D                                               |                      |
|                                                                                   | <b>Technical data</b> | Type                                                                                                    | : Lighting capacitor |
|                                                                                   |                       | Voltage range                                                                                           | : 250 Vrms           |
|                                                                                   |                       | Capacitance                                                                                             | : 4.....43 µF        |
|                                                                                   |                       | Construction                                                                                            | : Plastic case       |
|                                                                                   | <b>Applications</b>   | <ul style="list-style-type: none"> <li>For general sine wave application, mainly as lighting</li> </ul> |                      |

### Lighting Capacitor

| Technical data : Lighting Capacitor       |                                                                  |
|-------------------------------------------|------------------------------------------------------------------|
| Series type                               | B32327A/D                                                        |
| Terminal                                  | Flexible wire terminals                                          |
| Electrical Ratings                        |                                                                  |
| Rated Voltage $V_R$                       | 250                                                              |
| Rated Capacitance $C_R$                   | 4...43 µF (Others on request)                                    |
| Rated frequency $f_R$                     | 50/60 Hz                                                         |
| Capacitance tolerance                     | ±5 (Others on request)                                           |
| Maximum permissible voltage ( $V_{Max}$ ) | 1.1 ( $V_R$ )                                                    |
| Maximum permissible current ( $I_{Max}$ ) | 1.3 ( $I_R$ )                                                    |
| Dissipation factor $\delta'$ (20°C, 1kHz) | $\leq 7 \cdot 10^{-3}$                                           |
| Application                               | For general sine wave applications, mainly as lighting capacitor |
| Climatic parameter to IEC 60068 - 1       |                                                                  |
| Lower category temperature $T_{min}$      | -25 °C                                                           |
| Upper category temperature $T_{max}$      | +85... +85 °C                                                    |
| Damp heat test $t_{test}$                 | 21 days (Applicable for D series only)                           |
| Construction                              |                                                                  |
| Reference Standards                       | IS 1569: 1976                                                    |
| Dimension                                 | Refer Table (Others on request)                                  |

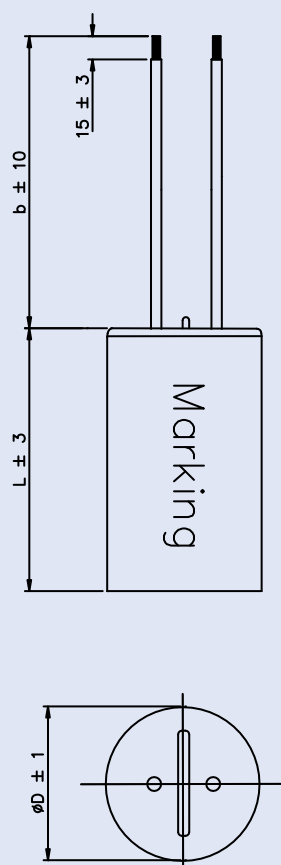
| Series  | Part Code       | Material Description                            | Dimensions<br>D x L (mm) | MFD<br>(nF) | Voltage<br>(V) | Terminal<br>Type |
|---------|-----------------|-------------------------------------------------|--------------------------|-------------|----------------|------------------|
| B32327A | B32327A1405J 29 | 4 MFD250 V PL 25 x 60 PFT WIRE 250 MM RES       | 25 x 60                  | 4           | 250            | A                |
|         | B32327A1106J 29 | 10 MFD 250 V PL 35 x 60 PFT WIRE 250 MM RES     | 35 x 60                  | 10          | 250            | A                |
|         | B32327A1166J 29 | 16 MFD 250 V PL 35 x 73 PFT WIRE 250 MM RES     | 35 x 73                  | 16          | 250            | A                |
|         | B32327A1206J 29 | 20 MFD 250 V PL 40 x 71 PFT WIRE 250 RES        | 40 x 71                  | 20          | 250            | A                |
|         | B32327A1336J 69 | 33 MFD 250 V PP 40 x 95(S) PFT WW B&R 250 STR10 | 40 x 95                  | 33          | 250            | A                |
|         | B32327A1336J 29 | 33 MFD 250 V PL 40 x 95 PFT WIRE 250 RES        | 40 x 95                  | 33          | 250            | A                |
|         | B32327A1426J 20 | 42 MFD 250 V PP 45 x 95 WW 250 MM WITH RESI     | 45 x 95                  | 42          | 250            | A                |
|         | B32327A1436J 69 | 43 MFD 250 V PP 45 x 95(S) PFT WW B&R 250 STR10 | 45 x 95                  | 43          | 250            | A                |

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## Dimensional Drawing

### Terminal Type A



### Mounting Options

