

Capacitor, film, 4700 pF, +/-5% Tol, -55/+105C, General Purpose, 1600 VDC@85C, Lead Spacing=15 mm



| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| L               | 18        | +0.3      |
| H               | 10        | +0.1      |
| T               | 4         | +0.2      |
| S               | 15        | +/-0.4    |
| LL              | 30        | +5/-0     |
| F               | 0.8       | +/-0.05   |

Notes:

-L,H,T are nominal dimensions and do not imply a minimum.

| General Information |                                 |
|---------------------|---------------------------------|
| Supplier:           | KEMET                           |
| Dielectric:         | Double Metallized Polypropylene |
| Application:        | General Purpose                 |
| Sub Application:    | AEC-Q200                        |
| Style:              | Radial Box                      |
| Lead Form:          | Wire Leads                      |
| RoHS:               | Yes                             |

| Specifications               |  |
|------------------------------|--|
| Capacitance:                 | 4700 pF  |
| Voltage:                     | 1600 VDC   |
| Tolerance:                   | +/-5%  |
| Voltage AC:                  | 650 VAC  |
| Rated Temperature:           | 85C  |
| Temperature Range:           | -55/+105C  |
| Dissipation Factor @ 1 kHz:  | 0.1%   |
| Dissipation Factor @ 10 kHz: | 0.06%  |
| Dissipation Factor @ 100kHz: | 0.1%   |
| Insulation Resistance:       | 100 GOhm   |
| Inductance:                  | 10   |
| Maximum dVdT:                | 6000 v/us  |
| Miscellaneous:               | Voltage Derating: 1.35%/C above 75C (AC), 1.25%/C above 85C (DC) |

| Packaging Specifications |      |
|--------------------------|------|
| Package Kind:            | Bulk |
| Package Quantity:        | 1500 |