

# R76PD1270CK40K

aka 76PD1270CK40K

Capacitor, film, 2700 pF, +/-10% Tol, -55/+105C, General Purpose, 630V@85C, Lead Spacing=7.5 mm



## Dimensions (mm)

| ID | Dimension | Tolerance |
|----|-----------|-----------|
| L  | 10        | +0.2      |
| H  | 9         | +0.1      |
| T  | 4         | +0.1      |
| S  | 7.5       | +/-0.4    |
| LL | 18.5      | +/-0.5    |
| F  | 0.5       | +/-0.05   |

## Specifications

|                                     |                           |
|-------------------------------------|---------------------------|
| <b>Manufacturer:</b>                | KEMET                     |
| <b>Brand:</b>                       | Arcotronics               |
| <b>Capacitance:</b>                 | 2700 pF                   |
| <b>Temperature Range:</b>           | -55/+105C                 |
| <b>Rated Temperature:</b>           | 85C                       |
| <b>Voltage @ rated temp:</b>        | 630V                      |
| <b>Voltage AC:</b>                  | 250VAC                    |
| <b>Tolerance:</b>                   | +/-10%                    |
| <b>Body Type:</b>                   | Radial Box                |
| <b>Construction:</b>                | Double Metallized         |
| <b>Application:</b>                 | General Purpose           |
| <b>Sub Application:</b>             | Pulse                     |
| <b>Dissipation Factor @ 1 kHz:</b>  | 0.03%                     |
| <b>Dissipation Factor @ 10 kHz:</b> | 0.04%                     |
| <b>Dissipation Factor @ 100kHz:</b> | 0.15%                     |
| <b>Insulation Resistance:</b>       | 100 GOhm                  |
| <b>Inductance:</b>                  | 8 nH                      |
| <b>Maximum dVdT:</b>                | 2800v/us                  |
| <b>Maximum K0:</b>                  | 3530000V <sup>2</sup> /us |
| <b>Package Kind:</b>                | T&R                       |
| <b>Package Size:</b>                | 355mm                     |
| <b>Package Quantity:</b>            | 1500                      |