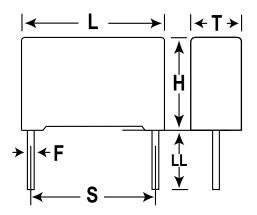
## KEMET Part Number: R76TN24704040J



Capacitor, film, 0.047 uF, +/-5% Tol, -55/+105C, General Purpose, 1600 VDC@85C, Lead Spacing=22.5 mm



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| L               | 26.5      | +0.3      |  |
| Н               | 16        | +0.1      |  |
| т               | 7         | +0.2      |  |
| S               | 22.5      | +/-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:                 | 0.047 uF  |  |
| 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:                  | 18  |  |
| Maximum dVdT:                | 3000 v/us   |  |
| Miscellaneous:               | Voltage Derating: 1.35%/C<br>above 75C (AC),1.25%/C above<br>85C (DC) |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Quantity:        | 500  |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

