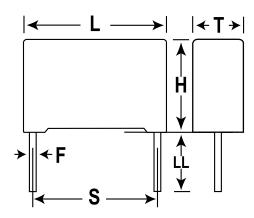
KEMET Part Number: R76TN31004040J



## Capacitor, film, 0.1 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               | 20        | +0.1      |  |
| Т               | 11        | +0.2      |  |
| S               | 22.5      | +/-0.4    |  |
| LL              | 30        | +5/-0     |  |
| F               | 0.8       | +/-0.05   |  |

| Λ | l'n | tΔc |
|---|-----|-----|

-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:                 | 0.1 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:        | 250  |

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