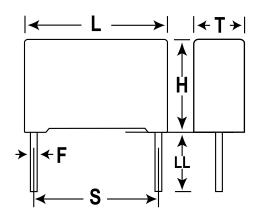
KEMET Part Number: R76QN31004030J



Film, Double Metallized Polypropylene, Commercial Grade, R76, 0.1 uF, 5%, 1,000 V, 85C, Lead Spacing = 22.5mm



| Dimensions |                 |
|------------|-----------------|
| L          | 26.5mm +0.3mm   |
| Н          | 18.5mm +0.1mm   |
| Т          | 10mm +0.2mm     |
| S          | 22.5mm +/-0.4mm |
| LL         | 30mm +5mm       |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging:               | Bulk |  |
| Packaging Quantity:      | 300  |  |

| General Information |   |  |
|---------------------|---|--|
| Dielectric:         | Double Metallized Polypropylene                                       |  |
| Style:              | Radial  |  |
| Series:             | R76   |  |
| Features:           | Pulse   |  |
| RoHS:               | Yes   |  |
| Lead:               | Wire Leads  |  |
| Approvals:          | AEC-Q200  |  |
| AEC-Q200:           | Yes   |  |
| Miscellaneous:      | Voltage Derating: 1.35%/C<br>Above 75C (AC),1.25%/C Above<br>85C (DC) |  |

| Specifications         |  |  |
|------------------------|--|--|
| Capacitance:           | 0.1 uF                                 |  |
| Capacitance Tolerance: | 5%                                     |  |
| Voltage DC:            | 1000 VDC                               |  |
| Voltage AC:            | 600 VAC                                |  |
| Temperature Range:     | -55/+105C                              |  |
| Rated Temperature:     | 85C                                    |  |
| Dissipation Factor:    | 0.1% 1kHz, 0.06% 10kHz, 0.1%<br>100kHz |  |
| Insulation Resistance: | 100 GOhms                              |  |
| Max dVdt:              | 2,100 V                                |  |
| Inductance:            | 18 nH                                  |  |

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