

**KEMET Part Number: R73QN24704030J**  
(73QN24704030J)

**KEMET**

a YAGEO company

R73, Film, Film/Foil Polypropylene, Automotive Grade, 0.047 uF, 5%, 1000 VDC, 85°C, Lead Spacing = 22.5mm



#### Dimensions

|    |                    |
|----|--------------------|
| L  | 26.5mm +0.3/-0.5mm |
| H  | 18.5mm +0.1/-0.5mm |
| T  | 10mm +0.2/-0.5mm   |
| S  | 22.5mm +/-0.4mm    |
| LL | 30mm +5mm          |
| F  | 0.8mm +/-0.05mm    |

#### Packaging Specifications

|                     |           |
|---------------------|-----------|
| Packaging:          | Bulk, Bag |
| Packaging Quantity: | 300       |

#### General Information

|                   |  |
|-------------------|--|
| Series:           | R73  |
| Dielectric:       | Film/Foil Polypropylene                          |
| Style:            | Radial   |
| Features:         | Automotive Grade, Pulse                          |
| RoHS:             | Yes  |
| Lead:             | Wire Leads                                       |
| Qualifications:   | AEC-Q200   |
| AEC-Q200:         | Yes  |
| Component Weight: | 5.88 g   |
| Miscellaneous:    | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

#### Specifications

|                        |                                      |
|------------------------|--------------------------------------|
| Capacitance:           | 0.047 uF                             |
| Capacitance Tolerance: | 5%                                   |
| Voltage AC:            | 400 VAC                              |
| Voltage DC:            | 1000 VDC                             |
| Temperature Range:     | -55/+105°C                           |
| Rated Temperature:     | 85°C                                 |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance: | 100 GOhms                            |
| Max dV/dt:             | 11000 V/us                           |
| Inductance:            | 18 nH                                |

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