

KEMET Part Number: R749N14705000J
(749N14705000J)

R74, Film, Metallized Polypropylene, Automotive Grade, 4700 pF, 5%, 2200 VDC, 85°C, Lead Spacing = 22.5mm



| General Information | |
|---------------------|--|
| Series: | R74 |
| Dielectric: | Metallized Polypropylene |
| Style: | Radial |
| Features: | Automotive Grade, Pulse |
| RoHS: | Yes |
| Lead: | Wire Leads |
| Qualifications: | AEC-Q200 |
| AEC-Q200: | Yes |
| Miscellaneous: | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| H | 15mm +0.1/-0.5mm |
| T | 6mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 25mm +2/-1mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging: | Bulk, Bag |
| Packaging Quantity: | 500 |

| Specifications | |
|------------------------|---------------------------------------|
| Capacitance: | 4700 pF |
| Capacitance Tolerance: | 5% |
| Voltage AC: | 900 VAC |
| Voltage DC: | 2200 VDC |
| Temperature Range: | -55/+105°C |
| Rated Temperature: | 85°C |
| Dissipation Factor: | 0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz |
| Insulation Resistance: | 100 GOhms |
| Max dV/dt: | 2500 V/us |
| Resistance: | 135.5 mOhms (100kHz) |
| Ripple Current: | 1.8 Amps (100kHz 85C), 12 Amps (Peak) |
| Inductance: | 18 nH |

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