

## R747F11505000J

Aliases (747F11505000J)

## Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 1500 pF, 5%, 2000 VDC, 85°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| Н          | 9mm +0.1/-0.5mm  |
| Т          | 4mm +0.2/-0.5mm  |
| S          | 10mm +/-0.4mm    |
| LL         | 25mm +2/-1mm     |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 1800      |  |

| 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. |  |
| Notes               | Series Replaced by R75.                          |  |

| Specifications        |                                       |  |
|-----------------------|---------------------------------------|--|
| Capacitance           | 1500 pF                               |  |
| Capacitance Tolerance | 5%                                    |  |
| Voltage AC            | 700 VAC                               |  |
| Voltage DC            | 2000 VDC                              |  |
| Temperature Range     | -55/+105°C                            |  |
| Rated Temperature     | 85°C                                  |  |
| Dissipation Factor    | 0.01% 1kHz, 0.02% 10kHz, 0.03% 100kHz |  |
| Insulation Resistance | 100 GOhms                             |  |
| Max dV/dt             | 10000 V/us                            |  |
| Resistance            | 424.4 mOhms (100kHz)                  |  |
| Ripple Current        | 0.7 Amps (100kHz 85C), 15 Amps (Peak) |  |
| Inductance            | 9 nH                                  |  |

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