

## R76QF04705000J

Aliases (76QF04705000J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 470 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 10mm



Click [here](#) for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| H          | 9mm +0.1/-0.5mm  |
| T          | 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              | R76                             |
| Dielectric          | Double Metallized Polypropylene |
| Style               | Radial                          |
| Features            | Automotive Grade, Pulse         |
| RoHS                | Yes                             |
| Lead                | Wire Leads                      |
| Qualifications      | AEC-Q200                        |
| AEC-Q200            | Yes                             |

| Specifications        |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 470 pF                               |
| Capacitance Tolerance | 5%                                   |
| Voltage AC            | 600 VAC                              |
| Voltage DC            | 1000 VDC                             |
| Temperature Range     | -55/+110°C                           |
| Rated Temperature     | 85°C                                 |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance | 100 GOhms                            |
| Max dV/dt             | 6500 V/us                            |
| Resistance            | 1354.51 mOhms (100kHz)               |
| Ripple Current        | 0.2 Amps (100kHz 85C), 3 Amps (Peak) |
| Inductance            | 9 nH                                 |