



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

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| H          | 16mm +0.1/-0.5mm   |
| T          | 7mm +0.2/-0.5mm    |
| S          | 22.5mm +/-0.4mm    |
| LL         | 3.2mm +0.3/-0.2mm  |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 700       |

| General Information |                                 |
|---------------------|---------------------------------|
| Series              | R76                             |
| Dielectric          | Double Metallized Polypropylene |
| Style               | Radial                          |
| Features            | Automotive Grade, Pulse         |
| RoHS                | Yes                             |
| Lead                | Cut                             |
| Qualifications      | AEC-Q200                        |
| AEC-Q200            | Yes                             |

| Specifications        |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 0.047 uF                             |
| Capacitance Tolerance | 10%                                  |
| 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             | 2100 V/us                            |
| Resistance            | 13.55 mOhms (100kHz)                 |
| Ripple Current        | 6 Amps (100kHz 85C), 99 Amps (Peak)  |
| Inductance            | 16 nH                                |