



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

| 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         | 30mm +5mm          |
| F          | 0.8mm +/-0.05mm    |

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

| 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           | 0.018 uF                              |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 650 VAC                               |
| Voltage DC            | 1600 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             | 3000 V/us                             |
| Resistance            | 35.37 mOhms (100kHz)                  |
| Ripple Current        | 3.6 Amps (100kHz 85C), 54 Amps (Peak) |
| Inductance            | 16 nH                                 |