



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

| Dimensions |                   |
|------------|-------------------|
| L          | 18mm +0.3/-0.5mm  |
| H          | 12mm +0.1/-0.5mm  |
| T          | 6mm +0.2/-0.5mm   |
| S          | 15mm +/-0.4mm     |
| LL         | 3.2mm +0.3/-0.2mm |
| F          | 0.8mm +/-0.05mm   |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 1750      |

| 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           | 0.15 uF                               |
| Capacitance Tolerance | 5%                                    |
| Voltage AC            | 180 VAC                               |
| Voltage DC            | 250 VDC                               |
| Temperature Range     | -55/+110°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz               |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 550 V/us                              |
| Resistance            | 10.61 mOhms (100kHz)                  |
| Ripple Current        | 5.8 Amps (100kHz 85C), 83 Amps (Peak) |
| Inductance            | 10 nH                                 |