

**KEMET Part Number: R76QF1220SE00J**  
(76QF1220SE00J)

**KEMET**

a YAGEO company

R76, Film, Double Metallized Polypropylene, Automotive Grade, 2200 pF, 5%, 1000 VDC, 85°C, Lead Spacing = 10mm



| General Information |                                 |
|---------------------|---------------------------------|
| Series:             | R76                             |
| Dielectric:         | Double Metallized Polypropylene |
| Style:              | Radial                          |
| Features:           | Automotive Grade, Pulse         |
| RoHS:               | Yes                             |
| Lead:               | Cut                             |
| Qualifications:     | AEC-Q200                        |
| AEC-Q200:           | Yes                             |
| Component Weight:   | 0.7 g                           |

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| H          | 9mm +0.1/-0.5mm  |
| T          | 4mm +0.2/-0.5mm  |
| S          | 10mm +/-0.4mm    |
| LL         | 4mm +2mm         |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 2000      |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 2200 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:            | 289.37 mOhms (100kHz)                 |
| Ripple Current:        | 0.8 Amps (100kHz 85C), 14 Amps (Peak) |
| Inductance:            | 9 nH                                  |

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