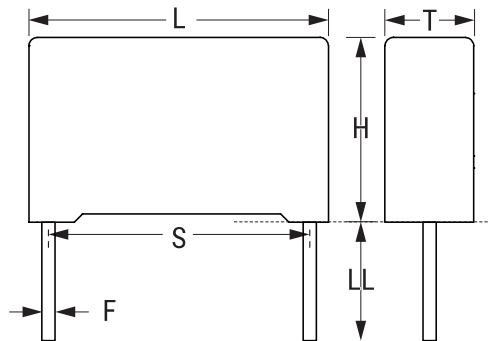


**KEMET Part Number: R76QI210050H3J**  
(76QI210050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 0.01 uF, 5%, 1000 VDC, 105°C, Lead Spacing = 15mm



| General Information |                                 |
|---------------------|---------------------------------|
| Series:             | R76H                            |
| Dielectric:         | Double Metallized Polypropylene |
| Style:              | Radial                          |
| Features:           | Automotive Grade, Pulse         |
| RoHS:               | Yes                             |
| Lead:               | Wire Leads                      |
| Qualifications:     | AEC-Q200                        |
| AEC-Q200:           | Yes                             |

| Dimensions |                  |
|------------|------------------|
| L          | 18mm +0.3/-0.5mm |
| H          | 11mm +0.1/-0.5mm |
| T          | 5mm +0.2/-0.5mm  |
| S          | 15mm +/-0.4mm    |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1000      |

| Specifications         |                                      |
|------------------------|--------------------------------------|
| Capacitance:           | 0.01 uF                              |
| Capacitance Tolerance: | 5%                                   |
| Voltage AC:            | 600 VAC                              |
| Voltage DC:            | 1000 VDC                             |
| Temperature Range:     | -55/+125°C                           |
| Rated Temperature:     | 105°C                                |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance: | 100 GOhms                            |
| Max dV/dt:             | 3500 V/us                            |
| Resistance:            | 63.7 mOhms (100kHz)                  |
| Ripple Current:        | 2 Amps (100kHz 100C), 35 Amps (Peak) |
| Inductance:            | 10 nH                                |

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