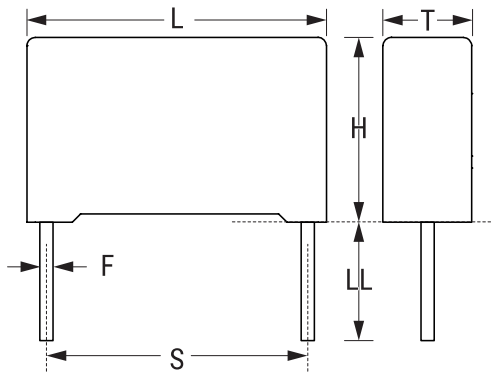


R76, Film, Double Metallized Polypropylene, Automotive Grade, 4700 pF, 5%, 1600 VDC, 85°C, Lead Spacing = 15mm



| General Information |                                 |
|---------------------|---------------------------------|
| Supplier:           | KEMET                           |
| Series:             | R76                             |
| Dielectric:         | Double Metallized Polypropylene |
| Style:              | Radial                          |
| Features:           | Automotive Grade, Pulse         |
| RoHS:               | Yes                             |
| Lead:               | Wire Leads                      |
| Qualifications:     | AEC-Q200                        |
| AEC-Q200:           | Yes                             |

| Dimensions |                 |
|------------|-----------------|
| L          | 18mm +0.3mm     |
| H          | 10mm +0.1mm     |
| T          | 4mm +0.2mm      |
| S          | 15mm +/-0.4mm   |
| LL         | 30mm +5mm       |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 1500      |

| Specifications         |                                       |
|------------------------|---------------------------------------|
| Capacitance:           | 4700 pF                               |
| Capacitance Tolerance: | 5%                                    |
| 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, 0.10% 100kHz |
| Insulation Resistance: | 100 GOhms                             |
| Max dV/dt:             | 6000 V/us                             |
| Resistance:            | 406.35 mOhms (25kHz)                  |
| Ripple Current:        | 0.48 Amps (25kHz 60C), 28 Amps (Peak) |
| Inductance:            | 10 nH                                 |

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