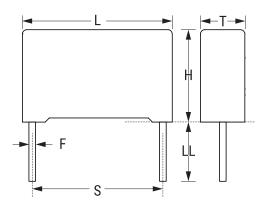
## KEMET Part Number: R76UN256050H4J



R76\_125C, Film, Double Metallized Polypropylene, General Purpose, 0.056 uF, 5%, 2000 VDC, 105°C, Lead Spacing = 22.5mm



| General Information |                                 |
|---------------------|---------------------------------|
| Series:             | R76_125C                        |
| Dielectric:         | Double Metallized Polypropylene |
| Style:              | Radial                          |
| Features:           | Automotive Grade, Pulse         |
| RoHS:               | Yes                             |
| Lead:               | Wire Leads                      |
| Qualifications:     | AEC-Q200                        |
| AEC-Q200:           | Yes                             |

| Dimensions |                 |
|------------|-----------------|
| L          | 26.5mm +0.3mm   |
| Н          | 20mm +0.1mm     |
| Т          | 11mm +0.2mm     |
| S          | 22.5mm +/-0.4mm |
| LL         | 25mm +2/-1mm    |
| F          | 0.8mm +/-0.05mm |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 250       |  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 0.056 uF                                  |
| Capacitance Tolerance: | 5%  |
| Voltage AC:            | 700 VAC                                   |
| Voltage DC:            | 2000 VDC                                  |
| Temperature Range:     | -55/+125°C                                |
| Rated Temperature:     | 105°C                                     |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz,<br>0.10% 100kHz  |
| Insulation Resistance: | 100 GOhms                                 |
| Max dV/dt:             | 4500 V/us                                 |
| Resistance:            | 45.47 mOhms (25kHz)                       |
| Ripple Current:        | 5.09 Amps (25kHz 60C), 252<br>Amps (Peak) |
| Inductance:            | 16 nH                                     |

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