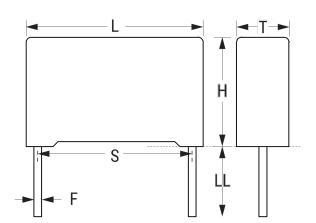


## R76QF056050H0J

Aliases (76QF056050H0J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 560 pF, 5%, 1000 VDC, 105°C, Lead Spacing = 10mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 13mm +0.2/-0.5mm |
| Н          | 9mm +0.1/-0.5mm  |
| Т          | 4mm +0.2/-0.5mm  |
| S          | 10mm +/-0.4mm    |
| LL         | 25mm +2/-1mm     |
| F          | 0.6mm +/-0.05mm  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 1800      |  |

| 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                             |
| THB Performance     | Yes                             |
| Component Weight    | 0.7 g                           |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 560 pF                                 |
| 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             | 6500 V/us                              |
| Resistance            | 1136.82 mOhms (100kHz)                 |
| Ripple Current        | 0.21 Amps (100kHz 100C), 4 Amps (Peak) |
| Inductance            | 9 nH                                   |

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