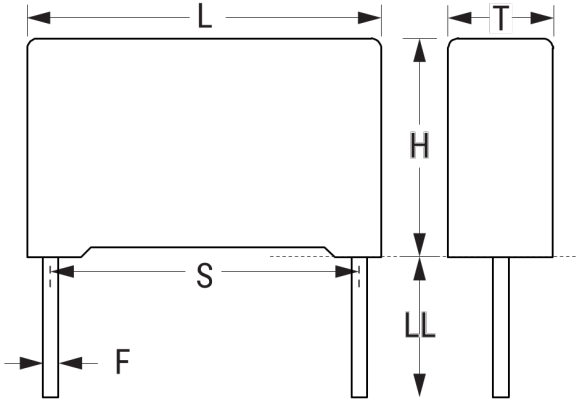


R76MR415050H3J

Aliases (76MR415050H3J)

R76H, Film, Double Metallized Polypropylene, Automotive Grade, 1.5 uF, 5%, 400 VDC, 105°C, 27.5mm



Click [here](#) for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| H          | 33mm +0.1/-0.7mm |
| T          | 18mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 128  |

| 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                             |
| Typical Component Weight | 23.5 g                          |

| Specifications        |                                           |
|-----------------------|-------------------------------------------|
| Capacitance           | 1.5 uF                                    |
| Capacitance Tolerance | 5%                                        |
| Voltage AC            | 250 VAC                                   |
| Voltage DC            | 400 VDC                                   |
| Temperature Range     | -55/+125°C                                |
| Rated Temperature     | 105°C                                     |
| Dissipation Factor    | 0.04% 1kHz                                |
| Insulation Resistance | 20 GOhms                                  |
| Max dV/dt             | 300 V/us                                  |
| ESR                   | 4.24 mOhms (100kHz)                       |
| Ripple Current        | 12.57 Amps (100kHz 100C), 450 Amps (Peak) |
| Inductance            | 18 nH                                     |

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