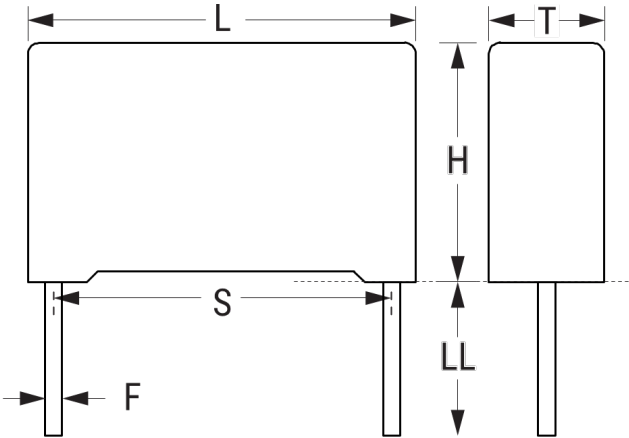


**R75PR410050L3J**

Aliases (75PR410050L3J)

R75, Film, Metallized Polypropylene, General Purpose, 1 uF, 5%, 630 VDC, 85°C, 27.5mm



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

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| H          | 15mm +0.1/-0.7mm |
| T          | 24mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.4mm   |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 144  |

| General Information      |                                                                            |
|--------------------------|----------------------------------------------------------------------------|
| Series                   | R75                                                                        |
| Dielectric               | Metallized Polypropylene                                                   |
| Style                    | Radial                                                                     |
| Features                 | Pulse                                                                      |
| RoHS                     | Yes                                                                        |
| Lead                     | Wire Leads                                                                 |
| AEC-Q200                 | No                                                                         |
| Typical Component Weight | 12.3 g                                                                     |
| Miscellaneous            | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

| Specifications        |                                          |
|-----------------------|------------------------------------------|
| Capacitance           | 1 uF                                     |
| Capacitance Tolerance | 5%                                       |
| Voltage DC            | 630 VDC                                  |
| Voltage AC            | 250 VAC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                  |
| Insulation Resistance | 30 GOhms                                 |
| Max dV/dt             | 210 V/us                                 |
| ESR                   | 7.958 mOhms (100kHz)                     |
| Ripple Current        | 9.624 Amps (100kHz 85C), 180 Amps (Peak) |
| Inductance            | 18 nH                                    |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.