

## R75GR4150AA00J

Aliases (75GR4150AA00J)

R75, Film, Metallized Polypropylene, General Purpose, 1.5 uF, 5%, 160 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| Н          | 17mm +0.1/-0.7mm |
| Т          | 9mm +0.2/-0.7mm  |
| S          | 27.5mm +/-0.4mm  |
| LL         | 4mm +2mm         |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Tray |  |
| Packaging Quantity       | 816  |  |

| General Information |  |
|---------------------|--|
| Series              | R75  |
| Dielectric          | Metallized Polypropylene                         |
| Style               | Radial   |
| Features            | Pulse  |
| RoHS                | Yes  |
| Lead                | Cut  |
| AEC-Q200            | No   |
| Component<br>Weight | 5.88 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 1.5 uF                                 |
| Capacitance Tolerance | 5%                                     |
| Voltage AC            | 90 VAC                                 |
| Voltage DC            | 160 VDC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.06% 1kHz                             |
| Insulation Resistance | 20 GOhms                               |
| Max dV/dt             | 50 V/us                                |
| Resistance            | 10.61 mOhms (100kHz)                   |
| Ripple Current        | 7.34 Amps (100kHz 85C), 90 Amps (Peak) |
| Inductance            | 18 nH                                  |

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