

## R75IR42204050J

Aliases (75IR42204050J)

R75, Film, Metallized Polypropylene, General Purpose, 2.2 uF, 5%, 250 VDC, 85°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| Н          | 20mm +0.1/-0.7mm |
| Т          | 11mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 30mm +5mm        |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Tray |  |
| Packaging Quantity       | 336  |  |

| General Information |  |  |
|---------------------|--|--|
| Series              | R75  |  |
| Dielectric          | Metallized Polypropylene                         |  |
| Style               | Radial   |  |
| Features            | Pulse  |  |
| RoHS                | Yes  |  |
| Lead                | Wire Leads                                       |  |
| AEC-Q200            | No   |  |
| Component<br>Weight | 8.45 g   |  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |  |

| Specifications        | ,                                       |
|-----------------------|---|
| Capacitance           | 2.2 uF                                  |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 160 VAC                                 |
| Voltage DC            | 250 VDC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.06% 1kHz                              |
| Insulation Resistance | 13.6364 GOhms                           |
| Max dV/dt             | 100 V/us                                |
| Resistance            | 7.23 mOhms (100kHz)                     |
| Ripple Current        | 9.38 Amps (100kHz 85C), 220 Amps (Peak) |
| Inductance            | 18 nH                                   |

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