

## R75MN35605030J

Aliases (75MN35605030J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.56 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| Н          | 17mm +0.1/-0.5mm   |
| Т          | 8.5mm +0.2/-0.5mm  |
| S          | 22.5mm +/-0.4mm    |
| LL         | 25mm +2/-1mm       |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging                | Bulk, Bag |  |
| Packaging Quantity       | 300       |  |

| General Information |  |  |
|---------------------|--|--|
| Series              | R75  |  |
| Dielectric          | Metallized Polypropylene                         |  |
| Style               | Radial   |  |
| Features            | Automotive Grade, Pulse                          |  |
| RoHS                | Yes  |  |
| Lead                | Wire Leads                                       |  |
| Qualifications      | AEC-Q200   |  |
| AEC-Q200            | Yes  |  |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |  |

| Specifications        |   |
|-----------------------|---|
| Capacitance           | 0.56 uF                                 |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 220 VAC                                 |
| Voltage DC            | 400 VDC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz                 |
| Insulation Resistance | 53.5714 GOhms                           |
| Max dV/dt             | 300 V/us                                |
| Resistance            | 11.4 mOhms (100kHz)                     |
| Ripple Current        | 6.77 Amps (100kHz 85C), 168 Amps (Peak) |
| Inductance            | 18 nH                                   |

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