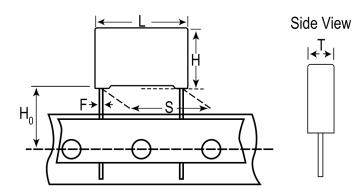


## R75MN4100CK30J

Aliases (75MN4100CK30J)

R75, Film, Metallized Polypropylene, Automotive Grade, 1 uF, 5%, 400 VDC, 85°C, Lead Spacing = 22.5mm



| General Information |  |
|---------------------|--|
| Series              | R75  |
| Dielectric          | Metallized Polypropylene                         |
| Style               | Radial   |
| Features            | Automotive Grade, Pulse                          |
| RoHS                | Yes  |
| Lead                | Wire Leads                                       |
| Qualifications      | AEC-Q200   |
| AEC-Q200            | Yes  |
| Component<br>Weight | 7.77 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 26.5mm +0.3/-0.5mm |
| н          | 20mm +0.1/-0.5mm   |
| т          | 11mm +0.2/-0.5mm   |
| S          | 22.5mm +/-0.4mm    |
| НО         | 18.5mm +/-0.5mm    |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |            |
|--------------------------|------------|
| Packaging                | T&R, Large |
| Packaging Quantity       | 350        |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 1uF                                    |
| Capacitance Tolerance     | 5%                                     |
| Voltage AC                | 220 VAC                                |
| Voltage DC                | 400 VDC                                |
| Temperature Range         | -55/+105°C                             |
| Rated Temperature         | 85°C                                   |
| <b>Dissipation Factor</b> | 0.05% 1kHz, 0.08% 10kHz                |
| Insulation Resistance     | 30 GOhms                               |
| Max dV/dt                 | 300 V/us                               |
| Resistance                | 8 mOhms (100kHz)                       |
| Ripple Current            | 8.6 Amps (100kHz 85C), 300 Amps (Peak) |
| Inductance                | 18 nH                                  |

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