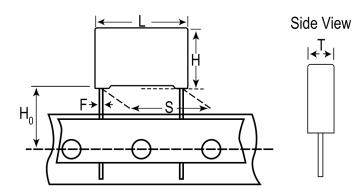


R75PN3220DQ30K

Aliases (75PN3220DQ30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.22 uF, 10%, 630 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 | 4.415 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          | 16mm +0.1/-0.5mm   |
| т          | 7mm +0.2/-0.5mm    |
| S          | 22.5mm +/-0.4mm    |
| НО         | 18.5mm +/-0.5mm    |
| F          | 0.8mm +/-0.05mm    |

380

## **Packaging Specifications**

Packaging Packaging Quantity Ammo, 360x340x59mm, Box

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 0.22 uF                               |
| Capacitance Tolerance | 10%                                   |
| Voltage AC            | 250 VAC                               |
| Voltage DC            | 630 VDC                               |
| Temperature Range     | -55/+105°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.05% 1kHz, 0.08% 10kHz               |
| Insulation Resistance | 100 GOhms                             |
| Max dV/dt             | 400 V/us                              |
| Resistance            | 12.3 mOhms (100kHz)                   |
| Ripple Current        | 6.3 Amps (100kHz 85C), 88 Amps (Peak) |
| Inductance            | 18 nH                                 |

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