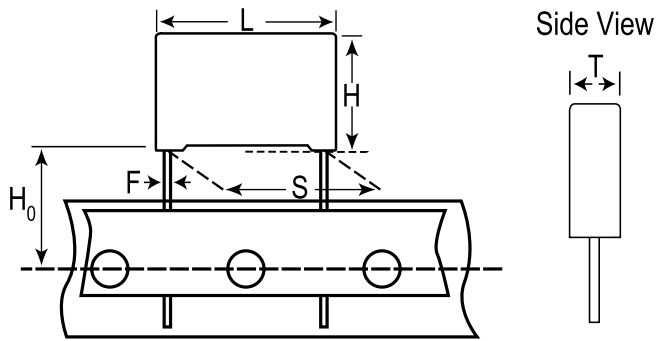


## R75MF2220DQ30K

Aliases (75MF2220DQ30K)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.022 uF, 10%, 400 VDC, 85°C, 10 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Series                   | R75                                              |
| Dielectric               | Metallized Polypropylene                         |
| Style                    | Radial                                           |
| Features                 | Automotive Grade, Pulse                          |
| RoHS                     | Yes                                              |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| Qualifications           | AEC-Q200                                         |
| AEC-Q200                 | Yes                                              |
| Typical Component Weight | 0.771 g                                          |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                        |
|-----------------------|----------------------------------------|
| Capacitance           | 0.022 uF                               |
| Tolerance             | 10%                                    |
| Voltage DC            | 400 VDC                                |
| Voltage AC            | 220 VAC                                |
| Temperature Range     | -55/+105°C                             |
| Rated Temperature     | 85°C                                   |
| Dissipation Factor    | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz  |
| Insulation Resistance | 100 GOhms                              |
| Max dV/dt             | 1,300 V/us                             |
| ESR                   | 50.6 mOhms (100kHz)                    |
| Ripple Current        | 2.24 Amps (100kHz 85C), 29 Amps (Peak) |
| Inductance            | 9 nH                                   |

### Dimensions

|    |                  |
|----|------------------|
| L  | 13mm +0.2/-0.5mm |
| H  | 9mm +0.1/-0.5mm  |
| T  | 4mm +0.2/-0.5mm  |
| S  | 10mm +/-0.4mm    |
| H0 | 18.5mm +/-0.5mm  |
| F  | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1000                    |

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