

## R76MF2220CK30J

Aliases (76MF2220CK30J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.022  $\mu$ F, 5%, 400 VDC, 85°C, Lead Spacing = 10mm



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

### Dimensions

|                |                  |
|----------------|------------------|
| L              | 13mm +0.2/-0.5mm |
| H              | 9mm +0.1/-0.5mm  |
| T              | 4mm +0.2/-0.5mm  |
| S              | 10mm +/-0.4mm    |
| H <sub>0</sub> | 18.5mm +/-0.5mm  |
| F              | 0.6mm +/-0.05mm  |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | T&R, Large |
| Packaging Quantity | 1500       |

### General Information

|                |                                 |
|----------------|---------------------------------|
| Series         | R76                             |
| Dielectric     | Double Metallized Polypropylene |
| Style          | Radial                          |
| Features       | Automotive Grade, Pulse         |
| RoHS           | Yes                             |
| Lead           | Wire Leads                      |
| Qualifications | AEC-Q200                        |
| AEC-Q200       | Yes                             |

### Specifications

|                       |                                      |
|-----------------------|--------------------------------------|
| Capacitance           | 0.022 $\mu$ F                        |
| Capacitance Tolerance | 5%                                   |
| Voltage AC            | 250 VAC                              |
| Voltage DC            | 400 VDC                              |
| Temperature Range     | -55/+110°C                           |
| Rated Temperature     | 85°C                                 |
| Dissipation Factor    | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz |
| Insulation Resistance | 100 GOhms                            |
| Max dV/dt             | 1500 V/us                            |
| Resistance            | 28.94 mOhms (100kHz)                 |
| Ripple Current        | 3 Amps (100kHz 85C), 33 Amps (Peak)  |
| Inductance            | 9 nH                                 |