

## R71MF2470DQ00J

Aliases (71MF2470DQ00J)

R71, Film, Metallized Polypropylene, General Purpose, 0.047 uF, 5%, 420 VDC, 105°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          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1000                    |

### General Information

|                  |  |
|------------------|--|
| Series           | R71  |
| Dielectric       | Metallized Polypropylene                       |
| Style            | Radial   |
| Features         | PFC and Pulse                                  |
| RoHS             | Yes  |
| Lead             | Wire Leads                                     |
| AEC-Q200         | No   |
| Component Weight | 0.61 g   |
| Miscellaneous    | Above 105C DC And AC Voltage Derating Is 4%/C. |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 0.047 uF                                  |
| Capacitance Tolerance | 5%  |
| Voltage AC            | 220 VAC                                   |
| Voltage DC            | 420 VDC                                   |
| Temperature Range     | -40/+110°C                                |
| Rated Temperature     | 105°C                                     |
| Dissipation Factor    | 0.1% 25C                                  |
| Insulation Resistance | 100 GOhms                                 |
| Max dV/dt             | 250 V/us                                  |
| Resistance            | 846.6 mOhms (100kHz)                      |
| Ripple Current        | 0.37 Amps (100kHz 85C), 11.75 Amps (Peak) |
| Inductance            | 9 nH                                      |