

## R71MF2680DQ30K

Aliases (71MF2680DQ30K)

R71, Film, Metallized Polypropylene, General Purpose, 0.068 uF, 10%, 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
H0	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	0.5 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

### Specifications

Capacitance	0.068 uF
Capacitance Tolerance	10%
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	585.1 mOhms (100kHz)
Ripple Current	0.45 Amps (100kHz 85C), 17 Amps (Peak)
Inductance	9 nH