

R76QW3680JH30K

Aliases (76QW3680JH30K)

R76, Film, Double Metallized Polypropylene, General Purpose, 0.68 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 37.5mm



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

Dimensions

L	41.5mm +0.3/-0.7mm
H	32mm +0.1/-0.7mm
T	19mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	3.2mm +0.3/-0.2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	192

General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	26.4 g

Specifications

Capacitance	0.68 uF
Capacitance Tolerance	10%
Voltage AC	600 VAC
Voltage DC	1000 VDC
Temperature Range	-55/+110°C
Rated Temperature	85°C
Dissipation Factor	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance	44.1176 GOhms
Max dV/dt	500 V/us
Resistance	7.02 mOhms (100kHz)
Ripple Current	11.7 Amps (100kHz 85C), 340 Amps (Peak)
Inductance	20 nH