

## R76QR3100CK40K

Aliases (76QR3100CK40K)

R76, Film, Double Metallized Polypropylene, General Purpose, 0.1 uF, 10%, 1,000 VDC, 85°C, 27.5 mm



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

### General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
AEC-Q200	No
Typical Component Weight	5.88 g

### Specifications

Capacitance	0.1 uF
Tolerance	10%
Voltage DC	1000 VDC
Voltage AC	600 VAC
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	1,000 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	7.2 Amps (100kHz 85C), 100 Amps (Peak)
Inductance	18 nH

### Dimensions

L	32mm +0.3/-0.7mm
H	17mm +0.1/-0.7mm
T	9mm +0.2/-0.7mm
S	27.5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	T&R, Large
Packaging Quantity	450

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