

R76UN24704040J

Aliases (76UN24704040J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.047 uF, 5%, 2000 VDC, 85°C, 22.5mm



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

Dimensions

L	26.5mm +0.3/-0.5mm
H	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	300

General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	5.6 g

Specifications

Capacitance	0.047 uF
Capacitance Tolerance	5%
Voltage DC	2000 VDC
Voltage AC	700 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	4500 V/us
ESR	13.55 mOhms (100kHz)
Ripple Current	6.4 Amps (100kHz 85C), 212 Amps (Peak)
Inductance	16 nH