

R76TN3100SE40K

Aliases (76TN3100SE40K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 10%, 1600 VDC, 85°C, 22.5mm



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Dimensions

L	26.5mm +0.3/-0.5mm
H	20mm +0.1/-0.5mm
T	11mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	360

General Information

Series	R76
Dielectric	Double Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	6.8 g

Specifications

Capacitance	0.1 uF
Capacitance Tolerance	10%
Voltage DC	1600 VDC
Voltage AC	650 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	3000 V/us
ESR	11.14 mOhms (100kHz)
Ripple Current	7.3 Amps (100kHz 85C), 300 Amps (Peak)
Inductance	16 nH