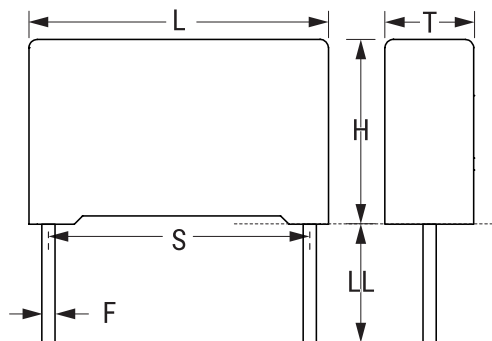


KEMET Part Number: R76TN31004040J
(76TN31004040J)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.1 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



Dimensions

Dimension	Value
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	30mm +5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging:	Bulk, Bag
Packaging Quantity:	250

General Information

Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Wire Leads
Qualifications:	AEC-Q200
AEC-Q200:	Yes

Specifications

Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	650 VAC
Voltage DC:	1600 VDC
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
Resistance:	12.7 mOhms (100kHz)
Ripple Current:	6.8 Amps (100kHz 85C), 300 Amps (Peak)
Inductance:	16 nH