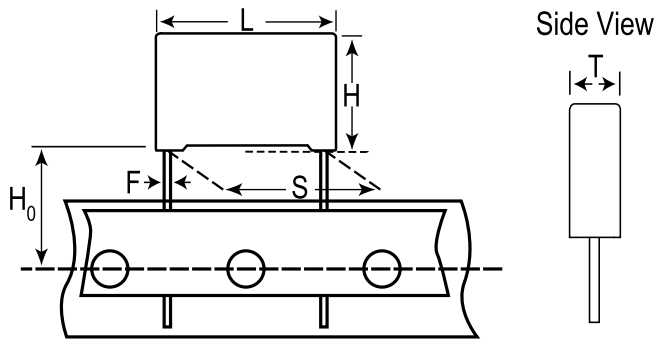


R749N1470DQ00J

Aliases (749N1470DQ00J)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 4,700 pF, 5%, 2,200 VDC, 85°C, 22.5 mm



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

General Information

Series	R74
Dielectric	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	3.75 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications

Capacitance	4,700 pF
Tolerance	5%
Voltage DC	2200 VDC
Voltage AC	900 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.01% 1kHz, 0.02% 10kHz, 0.08% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	2,500 V/us
ESR	135.5 mOhms (100kHz)
Ripple Current	1.8 Amps (100kHz 85C), 12 Amps (Peak)
Inductance	18 nH

Dimensions

L	26.5mm +0.3/-0.5mm
H	15mm +0.1/-0.5mm
T	6mm +0.2/-0.5mm
S	22.5mm +0.6/-0.1mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	464

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