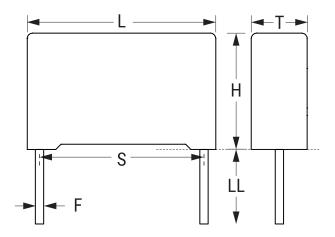


## R745W4150AA00K

Aliases (745W4150AA00K) Not for New Design R74, Film, Metallized Polypropylene, General Purpose, 1.5 uF, 10%, 1,600 VDC, 85°C, 37.5 mm



Click here for the 3D model.

Dimensions	
L	41.5mm +0.3/-0.7mm
н	40mm +0.1/-0.7mm
т	20mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

## Packaging SpecificationsPackagingTrayPackaging Quantity126

General Information	
Series	R74
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Termination	Cut (Tinned Wire)
Lead	Cut
AEC-Q200	No
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.
Notes	Series Replaced by R75.

Specifications	
Capacitance	1.5 uF
Tolerance	10%
Voltage DC	1600 VDC
Voltage AC	500 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.06% lkHz
Insulation Resistance	20 GOhms
Max dV/dt	300 V/us
ESR	8.5 mOhms (100kHz)
Ripple Current	11.2 Amps (100kHz 85C), 450 Amps (Peak)
Inductance	20 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute – and we specifically disclaim – any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.