

R745W4150AA00K

Aliases (745W4150AA00K)

General Information

Series Dielectric

Style

Notes

Not for New Design

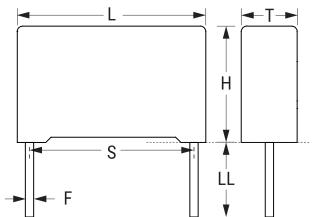
R74, Film, Metallized Polypropylene, General Purpose, 1.5 uF, 10%, 1,600 VDC, 85°C, 37.5 mm

R74

Radial

Metallized Polypropylene

Series Replaced by R75.



	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.

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 Specifications			
Packaging	Tray		
Packaging Quantity	126		

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% 1kHz			
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.

Generated 10/21/2025 © 2006 - 2025 YAGEO