

R71QW4270AA10K

Aliases (71QW4270AA10K)

R71, Film, Metallized Polypropylene, General Purpose, 2.7 uF, 10%, 1000 VDC, 105°C, Lead Spacing = 37.5mm



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

Dimensions

L	41.5mm +0.3/-0.7mm
H	28.5mm +0.1/-0.7mm
T	16mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	216

General Information

Series	R71
Dielectric	Metallized Polypropylene
Style	Radial
Features	PFC and Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	22.71 g
Miscellaneous	Above 105C DC And AC Voltage Derating Is 4%/C.

Specifications

Capacitance	2.7 uF
Capacitance Tolerance	10%
Voltage AC	275 VAC
Voltage DC	1000 VDC
Temperature Range	-40/+110°C
Rated Temperature	105°C
Dissipation Factor	0.1% 25C
Insulation Resistance	11.1111 GOhms
Max dV/dt	120 V/us
Resistance	44.2 mOhms (100kHz)
Ripple Current	3.05 Amps (100kHz 85C), 324 Amps (Peak)
Inductance	20 nH