

R75TW3680AA30K

Aliases (75TW3680AA30K)

Not for New Design

R75, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 37.5mm



General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Pulse
RoHS	Yes
Lead	Cut
AEC-Q200	No
Component Weight	30.28 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications

Capacitance	0.68 uF
Capacitance Tolerance	10%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	44.1176 GOhms
Max dV/dt	750 V/us
Ripple Current	Amps (100kHz 85C) Amps (Peak)
Inductance	20 nH

Dimensions

L	41.5mm +0.3/-0.7mm
H	32mm +0.1/-0.7mm
T	19mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Tray
Packaging Quantity	192