

**KEMET Part Number: R75TW3820AA30J**  
(75TW3820AA30J)

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R75, Film, Metallized Polypropylene, General Purpose, 0.82 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 37.5mm



#### Dimensions

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

#### Packaging Specifications

Packaging:	Tray
Packaging Quantity:	126

#### General Information

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

#### Specifications

Capacitance:	0.82 uF
Capacitance Tolerance:	5%
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:	36.5854 GOhms
Max dV/dt:	750 V/us
Resistance:	3.9 mOhms (100kHz)
Ripple Current:	16.57 Amps (100kHz 85C), 615 Amps (Peak)
Inductance:	20 nH

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