

**KEMET Part Number: R413W410050T0M**  
(413W410050T0M)

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R41T, Film, Metallized Polypropylene, Automotive Safety, 1 uF, 20%, 300 VAC (Y2), 125°C, Lead Spacing = 37.5mm



#### Dimensions

L	41.5mm +0.3/-0.7mm
H	40mm +0.1/-0.7mm
T	20mm +0.2/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

#### Packaging Specifications

Packaging:	Tray
Packaging Quantity:	84

#### General Information

Series:	R41T
Dielectric:	Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, EMI Safety
RoHS:	Yes
Lead:	Wire Leads
Safety Class:	Y2
Qualifications:	AEC-Q200, ENEC, UL, cUL, CQC
AEC-Q200:	Yes
THB Performance:	Yes

#### Specifications

Capacitance:	1 uF
Capacitance Tolerance:	20%
Voltage AC:	300 VAC (Y2)
Temperature Range:	-40/+125°C
Rated Temperature:	125°C
Dissipation Factor:	0.2% 1KHz
Insulation Resistance:	30 GOhms
Max dV/dt:	300 V/us

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