

## R60GI4100GY30K

Aliases (60GI4100GY30K)

R60, Film, Metallized Polyester, Automotive Grade, 1  $\mu$ F, 10%, 160 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

L	18mm +0.5mm
H	13.5mm +0.1mm
T	7.5mm +0.2mm
S	15mm +/-0.4mm
H <sub>0</sub>	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	T&R, 355mm
Packaging Quantity	350

### General Information

Series	R60
Dielectric	Metallized Polyester
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	2.903 g
Miscellaneous	Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	1 $\mu$ F
Capacitance Tolerance	10%
Voltage AC	90 VAC
Voltage DC	160 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	1% 1kHz
Insulation Resistance	10 GOhms
Max dV/dt	9 V/us
Inductance	10 nH