

## R82DC3150CK60K

Aliases (82DC3150CK60K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.15 uF, 10%, 63 VDC, 85°C, 5 mm



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

### General Information

Series	R82
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Dimensions

L	7.2mm +0.2/-0.5mm
H	6.5mm +0.1/-0.5mm
T	2.5mm +0.1/-0.5mm
S	5mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

### Packaging Specifications

Packaging	T&R
Packaging Quantity	2500

### Specifications

Capacitance	0.15 uF
Tolerance	10%
Voltage DC	63 VDC
Voltage AC	40 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz
Insulation Resistance	15 GOhms
Max dV/dt	160 V/us
Inductance	7 nH

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.