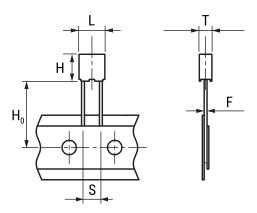
KEMET Part Number: R82EC3100DQ70K



R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 100 VDC, 85°C, Lead Spacing = 5mm



Dimensions		
L	7.2mm +0.2mm	
Н	6.5mm +0.1mm	
Т	2.5mm +0.1mm	
S	5mm +0.6/-0.1mm	
Н0	18.5mm +/-0.5mm	
Е	0.5mm +/-0.05mm	

Packaging Specifications		
Packaging:	Ammo, 360x340x59mm, Box	
Packaging Quantity:	3500	

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

Specifications		
Capacitance:	0.1 uF	
Capacitance Tolerance:	10%	
Voltage AC:	63 VAC	
Voltage DC:	100 VDC	
Temperature Range:	-55/+105C	
Rated Temperature:	85°C	
Dissipation Factor:	0.80% 1kHz, 1.20% 10kHz, 2.50% 100kHz	
Insulation Resistance:	15 GOhms	
Max dV/dt:	200 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.

