

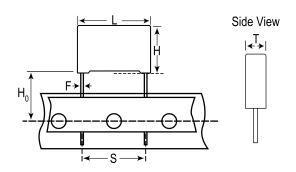
## **EN:** This Datasheet is presented by the manufacturer.

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## KEMET Part Number: R82EC3150DQ70J



## Film, Metallized Polyester Stacked, Commercial Grade, R82, 0.15 uF, 5%, 100 V, 85C, Lead Spacing = 5mm



Dimensions		
L	7.2mm +0.2mm	
Н	7.5mm +0.1mm	
Т	3.5mm +0.1mm	
S	5mm +/-0.4mm	
HO	18.5mm +/-0.5mm	
F	0.5mm +/-0.05mm	

Packaging Specifications		
Packaging:	Ammo, 360x340x59mm, Box	
Packaging Quantity:	2500	

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

Specifications		
Capacitance:	0.15 uF	
Capacitance Tolerance:	5%	
Voltage DC:	100 VDC	
Voltage AC:	63 VAC	
Temperature Range:	-55/+105C	
Rated Temperature:	85C	
Dissipation Factor:	0.8% 1kHz, 1.2% 10kHz	
Insulation Resistance:	15 GOhms	
Max dVdt:	200 V	
Inductance:	7 nH	

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