## KEMET Part Number: R82IC3100DQ55K



Capacitor, Film, Metallized Polyester (Stacked), 0.1 uF, +/-10% Tol, -55/+105C, General Purpose, 250 VDC@85C, Lead Spacing=5 mm



General Information		
Supplier:	KEMET	
Dielectric:	Metallized Polyester (Stacked)	
Application:	General Purpose	
Sub Application:	AEC-Q200	
Style:	Radial Box	
Lead Form:	Wire Leads	
Features:	Pulse	
Approvals:	AEC-Q200	
RoHS:	Yes	

Dimensions (mm)		
Symbol	Dimension	Tolerance
L	7.2	+0.3
Н	10	+0.1
Т	5	+0.1
S	5	+/-0.4
F	0.5	+/-0.05
HO	18.5	+/-0.5

Packaging Specifications		
Package Kind:	Ammo	
Package Size:	360x340x59mm	
Package Quantity:	1700	

Specifications		
Capacitance:	0.1 uF	
Voltage:	250 VDC	
Tolerance:	+/-10%	
Voltage AC:	160 VAC	
Rated Temperature:	85C	
Temperature Range:	-55/+105C	
Dissipation Factor @ 1 kHz:	0.8%	
Dissipation Factor @ 10 kHz:	1.2%	
Dissipation Factor @ 100kHz:	2.5%	
Insulation Resistance:	30 GOhm	
Inductance:	7	
Maximum dVdT:	250 v/us	
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C	

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