

**KEMET Part Number: A70PQ3100AA00J**  
(70PQ3100AA00J)

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a YAGEO company

A70, Film, Metallized Polypropylene, General Purpose, 0.1 uF, 5%, 250 VAC, 630 VDC, 85°C



General Information	
Series:	A70
Dielectric:	Metallized Polypropylene
Style:	Axial
RoHS:	Yes
Lead:	Wire Leads
AEC-Q200:	No
Miscellaneous:	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxK0 = 13000

Dimensions	
D	10mm MAX
L	28mm MAX
LL	40mm +/-5mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.1 uF
Capacitance Tolerance:	5%
Voltage AC:	250 VAC
Voltage DC:	630 VDC, 472.5 VDC (105C)
Temperature Range:	-55/+105°C
Rated Temperature:	85°C
Dissipation Factor:	0.06% 1kHz, 0.10% 10kHz
Insulation Resistance:	100 GOhms
Max dV/dt:	10 V/us
Inductance:	28 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	500

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