

A70PH1680AA00J

Aliases (70PH1680AA00J)

A70, Film, Metallized Polypropylene, General Purpose, 6800 pF, 5%, 250 VAC, 630 VDC, 85°C

FRONT VIEW



SIDE VIEW



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

Dimensions

D	5.5mm MAX
L	14mm MAX
LL	38mm MIN
F	0.6mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	2000

General Information

Series	A70
Dielectric	Metallized Polypropylene
Style	Axial
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	0.7 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C. maxKO = 25000.

Specifications

Capacitance	6800 pF
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, 0.1% 10kHz, 0.3% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	20 V/us
Inductance	14 nH