

A70IQ3680AA00J

Aliases (70IQ3680AA00J) Obsolete A70, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 5%, 250 VDC, 200 VAC, 85°C

SIDE VIEW

D

General Information A70 Series 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 = 2000.

Click here for the 3D model.

| Dimensions | |
|------------|-----------------|
| D | 11.5mm MAX |
| L | 28mm MAX |
| LL | 40mm +/-5mm |
| F | 0.8mm +/-0.05mm |
| | |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 300 |
| | |

| Specifications | |
|-----------------------|---------------------------|
| Capacitance | 0.68 uF |
| Tolerance | 5% |
| Voltage DC | 250 VDC, 187.5 VDC (105C) |
| Voltage AC | 200 VAC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.06% 1kHz, 0.1% 10kHz |
| Insulation Resistance | 44.1176 GOhms |
| Max dV/dt | 4 V/us |
| Inductance | 28 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.