

KEMET Part Number: R76IN3680SE30J
(76IN3680SE30J)

KEMET

a YAGEO company

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 250 VDC, 85°C, Lead Spacing = 22.5mm



General Information	
Series:	R76
Dielectric:	Double Metallized Polypropylene
Style:	Radial
Features:	Automotive Grade, Pulse
RoHS:	Yes
Lead:	Cut
Qualifications:	AEC-Q200
AEC-Q200:	Yes
Component Weight:	6.96 g

Dimensions	
L	26.5mm +0.3/-0.5mm
H	18.5mm +0.1/-0.5mm
T	10mm +0.2/-0.5mm
S	22.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

Specifications	
Capacitance:	0.68 uF
Capacitance Tolerance:	5%
Voltage AC:	180 VAC
Voltage DC:	250 VDC
Temperature Range:	-55/+110°C
Rated Temperature:	85°C
Dissipation Factor:	0.03% 1kHz, 0.06% 10kHz
Insulation Resistance:	44.11765 GOhms
Max dV/dt:	300 V/us
Resistance:	4.68 mOhms (100kHz)
Ripple Current:	10.9 Amps (100kHz 85C), 204 Amps (Peak)
Inductance:	16 nH

Packaging Specifications	
Packaging:	Bulk, Bag
Packaging Quantity:	396

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.

KEMET

a YAGEO company