

## R75II3680DQ40J

Aliases (75II3680DQ40J)

R75, Film, Metallized Polypropylene, Automotive Grade, 0.68 uF, 5%, 250 VDC, 85°C, Lead Spacing = 15mm



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

### Dimensions

L	18mm +/-0.5mm
H	14.5mm +0.1/-0.5mm
T	8.5mm +0.2/-0.5mm
S	15mm +/-0.4mm
H0	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	440

### General Information

Series	R75
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Component Weight	3.53 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	0.68 uF
Capacitance Tolerance	5%
Voltage AC	160 VAC
Voltage DC	250 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.05% 1kHz, 0.08% 10kHz
Insulation Resistance	44.1176 GOhms
Max dV/dt	300 V/us
Resistance	7 mOhms (100kHz)
Ripple Current	7.72 Amps (100kHz 85C), 211 Amps (Peak)
Inductance	10 nH