

## R75TI1680DQH3J

Aliases (75TI1680DQH3J)

R75H, Film, Metallized Polypropylene, Automotive Grade, 6800 pF, 5%, 1600 VDC, 105°C, Lead Spacing = 15mm



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

### Dimensions

L	18mm +0.3/-0.5mm
H	11mm +0.1/-0.5mm
T	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	800

### General Information

Series	R75H
Dielectric	Metallized Polypropylene
Style	Radial
Features	Automotive Grade, Pulse
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 105C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	6800 pF
Capacitance Tolerance	5%
Voltage AC	650 VAC
Voltage DC	1600 VDC
Temperature Range	-55/+125°C
Rated Temperature	105°C
Dissipation Factor	0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz
Insulation Resistance	100 GOhms
Max dV/dt	6000 V/us
Resistance	163.8 mOhms (100kHz)
Ripple Current	1.68 Amps (100kHz 90C), 41 Amps (Peak)
Inductance	10 nH