

## R66MD1680JB7AJ

Aliases (66MD1680JB7AJ)

R66, Film, Metallized Polyester Stacked, Automotive Grade, 6800 pF, 5%, 400 VDC, 85°C, Lead Spacing = 7.5mm



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

### Dimensions

L	10mm +0.2mm
H	8mm +0.1mm
T	3mm +0.1mm
S	7.5mm +/-0.4mm
LL	3.5mm +0.5mm
F	0.5mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk
Packaging Quantity	1500

### General Information

Series	R66
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Lead	Cut
Qualifications	AEC-Q200
AEC-Q200	Yes
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	6800 pF
Capacitance Tolerance	5%
Voltage AC	200 VAC
Voltage DC	400 VDC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	1% 1kHz, 1.5% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	275 V/us
Inductance	8 nH