

## R66PD1680DQ10J

Aliases (66PD1680DQ10J)

R66, Film, Metallized Polyester, Automotive Grade, 6,800 pF, 5%, 630 VDC, 85°C, 7.5 mm



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

### General Information

Series	R66
Dielectric	Metallized Polyester
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
AEC-Q200	Yes
Typical Component Weight	0.533 g
Miscellaneous	Note: This Capacitor Uses Wound Technology Rather Than Stacked, Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	6,800 pF
Tolerance	5%
Voltage DC	630 VDC
Voltage AC	220 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	1% 1kHz, 1.5% 10kHz
Insulation Resistance	30 GOhms
Max dV/dt	40 V/us
Inductance	8 nH

### Dimensions

L	10mm +0.2mm
H	9mm +0.1mm
T	4mm +0.1mm
S	7.5mm +0.6/-0.1mm
H0	18.5mm +/-0.5mm
F	0.6mm +/-0.05mm

### Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	2100

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