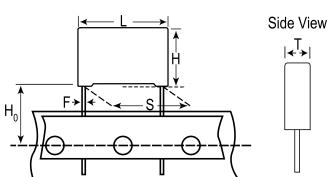


## R66PD1680CK10K

Aliases (66PD1680CK10K)

R66, Film, Metallized Polyester, Automotive Grade, 6,800 pF, 10%, 630 VDC,  $85^{\circ}$ C, 7.5 mm



	- <del>-</del>	* /		Lead Qualifications AEC-Q200	
	C	Click here for the 3D model.		Miscellaneous	
	Dimensions			Specifications	
	L	10mm +0.2mm		Capacitance	
	Н	9mm +0.1mm		Tolerance	
	Т	4mm +0.1mm		Voltage DC	

7.5mm +0.6/-0.1mm

18.5mm +/-0.5mm 0.6mm +/-0.05mm

Packaging Specifications		
Packaging	T&R	
Packaging Quantity	1500	

S HO

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
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	10%			
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			

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.

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