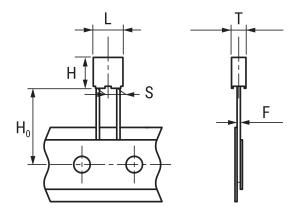


## R82MC2100DQ50K

Aliases (82MC2100DQ50K) R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.01 uF, 10%, 400 VDC, 85°C, 5 mm



Click here for the 3D model.

L 7.2mm +0.2/-0.5mm H 7.5mm +0.1/-0.5mm	Dimensions	
H 7.5mm +0.1/-0.5mm	L	7.2mm +0.2/-0.5mm
	н	7.5mm +0.1/-0.5mm
T 3.5mm +0.1/-0.5mm	т	3.5mm +0.1/-0.5mm
S 5mm +/-0.4mm	S	5mm +/-0.4mm
HO 18.5mm +/-0.5mm	но	18.5mm +/-0.5mm
F 0.5mm +/-0.05mm	F	0.5mm +/-0.05mm

## **Packaging Specifications**

Packaging Packaging Quantity Ammo, 360x340x59mm, Box 2500

General Information	
Series	R82
Dielectric	Metallized Polyester Stacked
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	0.38 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

Specifications	
Capacitance	0.01 uF
Tolerance	10%
Voltage DC	400 VDC
Voltage AC	200 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	30 GOhms
Max dV/dt	400 V/us
Inductance	7 nH

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