

## RSBDC3100DQ00K

Aliases (SBDC3100DQ00K)

RSB, Film, Metallized Polyester Stacked, Automotive Grade, 0.1 uF, 10%, 63 VDC, 85°C, 5 mm



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

### General Information

Series	RSB
Dielectric	Metallized Polyester Stacked
Style	Radial
Features	Automotive Grade, DC Multipurpose Applications
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Qualifications	AEC-Q200
Typical Component Weight	0.23 g
Miscellaneous	Above 85C DC And AC Voltage Derating Is 1.25%/C.

### Specifications

Capacitance	0.1 uF
Tolerance	10%
Voltage DC	63 VDC
Voltage AC	40 VAC
Temperature Range	-55/ +125°C
Rated Temperature	85°C
Dissipation Factor	0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz
Insulation Resistance	15 GOhms
Max dV/dt	250 V/us
Inductance	7 nH

### Dimensions

L	7.2mm +0.2mm
H	6.5mm +0.1mm
T	2.5mm +0.2mm
S	5mm +0.6/-0.1mm
H <sub>0</sub>	18.5mm +/-0.5mm
F	0.5mm +/-0.05mm

### Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	3500

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