

## RSBDC4150DQ10K

Aliases (SBDC4150DQ10K)

RSB, Film, Metallized Polyester Stacked, Automotive Grade, 1.5 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                                         |
| AEC-Q200                 | Yes                                              |
| Typical Component Weight | 0.95 g                                           |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 7.2mm +0.3mm    |
| H  | 11mm +0.1mm     |
| T  | 6mm +0.2mm      |
| S  | 5mm +0.6/-0.1mm |
| H0 | 18.5mm +/-0.5mm |
| F  | 0.5mm +/-0.05mm |

### Packaging Specifications

|                    |                         |
|--------------------|-------------------------|
| Packaging          | Ammo, 360x340x59mm, Box |
| Packaging Quantity | 1400                    |

### Specifications

|                       |                       |
|-----------------------|-----------------------|
| Capacitance           | 1.5 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 |
| Insulation Resistance | 666.7 MOhms           |
| Max dV/dt             | 250 V/us              |
| Inductance            | 7 nH                  |

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