

## **RSBIC1330Z300K**

Aliases (SBIC1330Z300K)

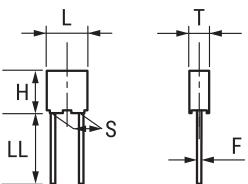
**General Information** 

Series Dielectric

RSB, Film, Metallized Polyester Stacked, Automotive Grade, 3,300 pF, 10%, 250 VDC, 85°C, 5 mm

**RSB** 

Metallized Polyester Stacked



| <del></del>                            | Style                    | Radial  |
|--|--------------------------|---|
| HI I I I I I I I I I I I I I I I I I I | Features                 | Automotive Grade, DC<br>Multipurpose Applications   |
|  | RoHS                     | Yes   |
|  | Termination              | Tinned Wire   |
|  | Lead                     | Wire Leads  |
| Click here for the 3D model.           | Qualifications           | AEC-Q200  |
|  | AEC-Q200                 | Yes   |
|  | Typical Component Weight | 0.23 g  |
|  | Miscellaneous            | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C. |
| Dimensions                             | Specifications           |   |

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.2mm    |
| Н          | 6.5mm +0.1mm    |
| Т          | 2.5mm +0.2mm    |
| S          | 5mm +/-0.4mm    |
| LL         | 17mm +1/-2mm    |
| F          | 0.5mm +/-0.05mm |
|            |                 |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Bulk |  |
| Packaging Quantity       | 4000 |  |

| Specifications        |                                       |
|-----------------------|---------------------------------------|
| Capacitance           | 3,300 pF                              |
| Tolerance             | 10%                                   |
| Voltage DC            | 250 VDC                               |
| Voltage AC            | 160 VAC                               |
| Temperature Range     | -55/+125°C                            |
| Rated Temperature     | 85°C                                  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5%<br>100kHz |
| Insulation Resistance | 30 GOhms                              |
| Max dV/dt             | 400 V/us                              |
| Inductance            | 7 nH                                  |

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