

## RSBMC2470Z300K

Aliases (SBMC2470Z300K)

RSB, Film, Metallized Polyester Stacked, Automotive Grade, 0.047  $\mu$ F, 10%, 400 VDC, 85°C, Lead Spacing = 5mm



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

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.3mm    |
| H          | 11mm +0.1mm     |
| T          | 6mm +0.2mm      |
| S          | 5mm +/-0.4mm    |
| LL         | 17mm +1/-2mm    |
| F          | 0.5mm +/-0.05mm |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Bulk |
| Packaging Quantity       | 1000 |

| General Information |  |
|---------------------|--|
| Series              | RSB  |
| Dielectric          | Metallized Polyester Stacked                     |
| Style               | Radial   |
| Features            | Automotive Grade, DC Multipurpose Applications   |
| RoHS                | Yes  |
| Lead                | Wire Leads                                       |
| Qualifications      | AEC-Q200   |
| AEC-Q200            | Yes  |
| Component Weight    | 0.95 g   |
| Miscellaneous       | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Specifications        |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 0.047 $\mu$ F                      |
| Capacitance Tolerance | 10%                                |
| Voltage AC            | 200 VAC                            |
| Voltage DC            | 400 VDC                            |
| Temperature Range     | -55/+125°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 30 GOhms                           |
| Max dV/dt             | 600 V/us                           |
| Inductance            | 7 nH                               |

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