

RSBPC1680AA00K

Aliases (SBPC1680AA00K)

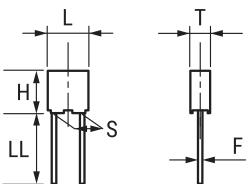
General Information

Series Dielectric

RSB, Film, Metallized Polyester Stacked, Automotive Grade, 6,800 pF, 10%, 630 VDC, 85°C, 5 mm

RSB

Metallized Polyester Stacked



| Click here for the 3D model. | Style | Radial |
|------------------------------|--------------------------|---|
| | Features | Automotive Grade, DC Multipurpose Applications |
| | RoHS | Yes |
| | Termination | Cut (Tinned Wire) |
| | Lead | Cut |
| | 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 | Specifications | |

| Dimensions | |
|------------|-----------------|
| L | 7.2mm +0.3mm |
| Н | 10mm +0.1mm |
| Т | 5mm +0.2mm |
| S | 5mm +/-0.4mm |
| LL | 4mm +1.5mm |
| F | 0.5mm +/-0.05mm |
| | |

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

| Specifications | |
|-----------------------|---------------------------------------|
| Capacitance | 6,800 pF |
| Tolerance | 10% |
| Voltage DC | 630 VDC |
| Voltage AC | 220 VAC |
| 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 | 800 V/us |
| Inductance | 7 nH |

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