

## R60PF1680AA30K

Aliases (60PF1680AA30K)

R60, Film, Metallized Polyester, Automotive Grade, 6800 pF, 10%, 630 VDC, 85°C, Lead Spacing = 10mm



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

| Dimensions |                 |
|------------|-----------------|
| L          | 13mm +0.2mm     |
| H          | 9mm +0.1mm      |
| T          | 4mm +0.2mm      |
| S          | 10mm +/-0.4mm   |
| LL         | 4mm +1.5mm      |
| F          | 0.6mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 2000      |

| General Information |   |
|---------------------|---|
| Series              | R60   |
| Dielectric          | Metallized Polyester  |
| Style               | Radial  |
| Features            | Automotive Grade, DC Multipurpose Applications  |
| RoHS                | Yes   |
| Lead                | Cut   |
| Qualifications      | AEC-Q200  |
| AEC-Q200            | Yes   |
| Component Weight    | 0.8 g   |
| Miscellaneous       | Upper Operating Temperature Of 125C Is Allowed For A Maximum Operating Time Of 1,000 Hours. Above 85C, DC And AC Voltage Derating Is 1.25%/C. |

| Specifications        |                     |
|-----------------------|---------------------|
| Capacitance           | 6800 pF             |
| Capacitance Tolerance | 10%                 |
| Voltage AC            | 220 VAC             |
| Voltage DC            | 630 VDC             |
| Temperature Range     | -55/+105°C          |
| Rated Temperature     | 85°C                |
| Dissipation Factor    | 1% 1kHz, 1.5% 10kHz |
| Insulation Resistance | 30 GOhms            |
| Max dV/dt             | 40 V/us             |
| Inductance            | 9 nH                |