

## R82MC1220JB50J

Aliases (82MC1220JB50J)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 2200 pF, 5%, 400 VDC, 85°C, Lead Spacing = 5mm



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

### Dimensions

|    |                 |
|----|-----------------|
| L  | 7.2mm +0.2mm    |
| H  | 6.5mm +0.1mm    |
| T  | 2.5mm +0.1mm    |
| S  | 5mm +/-0.4mm    |
| LL | 3.5mm +0.5mm    |
| F  | 0.5mm +/-0.05mm |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 3000 |

### General Information

|                |  |
|----------------|--|
| Series         | R82  |
| Dielectric     | Metallized Polyester Stacked                     |
| Style          | Radial   |
| Features       | Automotive Grade, DC Multipurpose Applications   |
| RoHS           | Yes  |
| Lead           | Cut  |
| Qualifications | AEC-Q200   |
| AEC-Q200       | Yes  |
| Miscellaneous  | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

### Specifications

|                       |                                    |
|-----------------------|------------------------------------|
| Capacitance           | 2200 pF                            |
| Capacitance Tolerance | 5%                                 |
| Voltage AC            | 200 VAC                            |
| Voltage DC            | 400 VDC                            |
| Temperature Range     | -55/+105°C                         |
| Rated Temperature     | 85°C                               |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance | 30 GOhms                           |
| Max dV/dt             | 400 V/us                           |
| Inductance            | 7 nH                               |