

R82, Film, Metallized Polyester Stacked, Commercial Grade, 2200 pF, 5%, 100 V, 85C, Lead Spacing = 5mm



| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.2mm    |
| H          | 6.5mm +0.1mm    |
| T          | 2.5mm +0.1mm    |
| S          | 5mm +/-0.4mm    |
| LL         | 4mm +1.5mm      |
| F          | 0.5mm +/-0.05mm |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging:               | Bulk, Bag |
| Packaging Quantity:      | 3000      |

| General Information |   |
|---------------------|---|
| Supplier:           | KEMET   |
| Series:             | R82   |
| Dielectric:         | Metallized Polyester Stacked                    |
| Style:              | Radial  |
| Features:           | Automotive Grade, DC Multipurpose Applications  |
| RoHS:               | Yes   |
| Lead:               | Cut   |
| Approvals:          | 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 DC:            | 100 VDC                            |
| Voltage AC:            | 63 VAC                             |
| Temperature Range:     | -55/+105C                          |
| Rated Temperature:     | 85C                                |
| Dissipation Factor:    | 0.8% 1kHz, 1.2% 10kHz, 2.5% 100kHz |
| Insulation Resistance: | 15 GOhms                           |
| Max dVdt:              | 200 V                              |
| Inductance:            | 7 nH                               |