

## R82DC3220Z360K

Aliases (82DC3220Z360K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.22 uF, 10%, 63 VDC, 85°C, 5mm



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| General Information      |  |
|--------------------------|--|
| Series                   | R82  |
| Dielectric               | Metallized Polyester Stacked                     |
| Style                    | Radial   |
| Features                 | Automotive Grade, DC Multipurpose Applications   |
| RoHS                     | Yes  |
| Termination              | Tinned Wire                                      |
| Lead                     | Wire Leads                                       |
| Qualifications           | AEC-Q200   |
| AEC-Q200                 | Yes  |
| Typical Component Weight | 0.331 g  |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C. |

| Dimensions |                 |
|------------|-----------------|
| L          | 7.2mm +0.2mm    |
| H          | 6.5mm +0.1mm    |
| T          | 2.5mm +0.1mm    |
| S          | 5mm +/-0.4mm    |
| LL         | 17mm +1/-2mm    |
| F          | 0.5mm +/-0.05mm |

| Specifications        |                       |
|-----------------------|-----------------------|
| Capacitance           | 0.22 uF               |
| Capacitance Tolerance | 10%                   |
| Voltage DC            | 63 VDC                |
| Voltage AC            | 40 VAC                |
| Temperature Range     | -55/+105°C            |
| Rated Temperature     | 85°C                  |
| Dissipation Factor    | 0.8% 1kHz, 1.2% 10kHz |
| Insulation Resistance | 15 GOhms              |
| Max dV/dt             | 160 V/us              |
| Inductance            | 7 nH                  |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Bulk |
| Packaging Quantity       | 4000 |

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