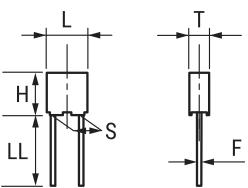


## R82DC3150Z360K

Aliases (82DC3150Z360K)

R82, Film, Metallized Polyester Stacked, Automotive Grade, 0.15 uF, 10%, 63 VDC, 85°C, 5 mm



| ]                            |                   | Lead                     |
|------------------------------|-------------------|--------------------------|
|                              |                   | Qualifications           |
|                              |                   | AEC-Q200                 |
| Click here for the 3D model. |                   | Typical Component Weight |
|                              |                   | Miscellaneous            |
|                              |                   |                          |
| Dimensions                   |                   | Specifications           |
| L                            | 7.2mm +0.2/-0.5mm | Capacitance              |
| Н                            | 6.5mm +0.1/-0.5mm | Tolerance                |
| Т                            | 2.5mm +0.1/-0.5mm | Voltage DC               |

5mm +/-0.4mm

17mm +1/-2mm

| F                        | 0.5mm +/-0.05mm |
|--------------------------|-----------------|
|                          |                 |
| Packaging Specifications |                 |
| Packaging                | Bulk            |
| Packaging Quantity       | 4000            |

S

LL

| General Information      |   |
|--------------------------|---|
| Series                   | R82   |
| Dielectric               | Metallized Polyester Stacked                      |
| Style                    | Radial  |
| Features                 | Automotive Grade, DC<br>Multipurpose Applications |
| RoHS                     | Yes   |
| Termination              | Tinned Wire                                       |
| Lead                     | Wire Leads  |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Typical Component Weight | 0.187 g   |
| Miscellaneous            | Above 85C DC And AC Voltage Derating Is 1.25%/C.  |

| Specifications        |                       |
|-----------------------|-----------------------|
| Capacitance           | 0.15 uF               |
| 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                  |

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