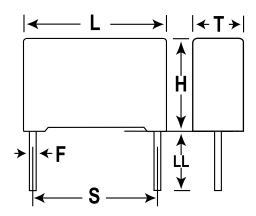
KEMET Part Number: R82EC2330Z350J



Film, Metallized Polyester Stacked, Commercial Grade, R82, 0.033 uF, 5%, 100 V, 85C, Lead Spacing = 5mm



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

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

| General Information |  |  |
|---------------------|--|--|
| Dielectric:         | Metallized Polyester Stacked                       |  |
| Style:              | Radial   |  |
| Series:             | R82  |  |
| Features:           | Pulse  |  |
| RoHS:               | Yes  |  |
| Lead:               | Wire Leads   |  |
| Approvals:          | AEC-Q200   |  |
| AEC-Q200:           | Yes  |  |
| Miscellaneous:      | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C |  |

| Specifications         |                                       |  |
|------------------------|---------------------------------------|--|
| Capacitance:           | 0.033 uF                              |  |
| 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%<br>100kHz |  |
| Insulation Resistance: | 15 GOhms                              |  |
| Max dVdt:              | 200 V                                 |  |
| Inductance:            | 7 nH                                  |  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

