## KEMET Part Number: R73PI2470SE00H

(73PI2470SE00H)



R73, Film, Film/Foil Polypropylene, Automotive Grade, 0.047 uF, 2.5%, 630 VDC, 85°C, Lead Spacing = 15mm



| Dimensions |                  |  |
|------------|------------------|--|
| L          | 18mm +/-0.5mm    |  |
| Н          | 16mm +0.1/-0.5mm |  |
| Т          | 10mm +0.2/-0.5mm |  |
| S          | 15mm +/-0.4mm    |  |
| LL         | 4mm +2mm         |  |
| F          | 0.8mm +/-0.05mm  |  |

| Packaging Specifications |           |  |
|--------------------------|-----------|--|
| Packaging:               | Bulk, Bag |  |
| Packaging Quantity:      | 750       |  |

| General Information |   |  |
|---------------------|---|--|
| Series:             | R73   |  |
| Dielectric:         | Film/Foil Polypropylene                             |  |
| Style:              | Radial  |  |
| Features:           | Automotive Grade, Pulse                             |  |
| RoHS:               | Yes   |  |
| Lead:               | Wire Leads  |  |
| Qualifications:     | AEC-Q200  |  |
| AEC-Q200:           | Yes   |  |
| Miscellaneous:      | Above 85C DC And AC Voltage<br>Derating Is 1.25%/C. |  |

| Specifications         |   |  |
|------------------------|---|--|
| Capacitance:           | 0.047 uF                                |  |
| Capacitance Tolerance: | 2.5%                                    |  |
| Voltage AC:            | 300 VAC                                 |  |
| Voltage DC:            | 630 VDC                                 |  |
| Temperature Range:     | -55/+105°C                              |  |
| Rated Temperature:     | 85°C                                    |  |
| Dissipation Factor:    | 0.03% 1kHz, 0.04% 10kHz, 0.1%<br>100kHz |  |
| Insulation Resistance: | 100 GOhms                               |  |
| Max dV/dt:             | 11000 V/us                              |  |
| Inductance:            | 10 nH                                   |  |

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