

## R75IC3120Z340K

R75, Film, Metallized Polypropylene, General Purpose, 0.12 uF, 10%, 250 VDC, 85°C, Lead Spacing = 5mm



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### Dimensions

|    |                   |
|----|-------------------|
| L  | 7.2mm +0.3/-0.5mm |
| H  | 13mm +0.1/-0.5mm  |
| T  | 7.2mm +0.1/-0.5mm |
| S  | 5mm +/-0.4mm      |
| LL | 17mm +1/-2mm      |
| F  | 0.5mm +/-0.05mm   |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Bulk |
| Packaging Quantity | 750  |

### General Information

|               |  |
|---------------|--|
| Series        | R75  |
| Dielectric    | Metallized Polypropylene   |
| Style         | Radial   |
| Features      | Automotive Grade, Pulse  |
| RoHS          | Yes  |
| Lead          | Wire Leads   |
| AEC-Q200      | No   |
| Miscellaneous | Above 85C DC voltage derating is 2%/C and AC voltage derating is 1.25%/C . |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 0.12 uF                                 |
| Capacitance Tolerance | 10%                                     |
| Voltage AC            | 160 VAC                                 |
| Voltage DC            | 250 VDC                                 |
| Temperature Range     | -55/+105°C                              |
| Rated Temperature     | 85°C                                    |
| Insulation Resistance | 100 GOhms                               |
| Max dV/dt             | 250 V/us                                |
| Resistance            | 39.79 mOhms (100kHz)                    |
| Ripple Current        | 2.632 Amps (100kHz 85C), 30 Amps (Peak) |
| Inductance            | 7 nH                                    |

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