

## R75MC2270Z340K

R75, Film, Metallized Polypropylene, General Purpose, 0.027 uF, 10%, 400 VDC, 85°C, Lead Spacing = 5mm



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| Dimensions |                   |
|------------|-------------------|
| L          | 7.2mm +0.3/-0.5mm |
| Н          | 11mm +0.1/-0.5mm  |
| Т          | 6mm +0.1/-0.5mm   |
| S          | 5mm +/-0.4mm      |
| LL         | 17mm +1/-2mm      |
| F          | 0.5mm +/-0.05mm   |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Packaging                | Bulk |  |
| Packaging Quantity       | 1000 |  |

| 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           | 0.027 uF                                |  |
| Capacitance Tolerance | 10%                                     |  |
| Voltage AC            | 200 VAC                                 |  |
| Voltage DC            | 400 VDC                                 |  |
| Temperature Range     | -55/+105°C                              |  |
| Rated Temperature     | 85°C                                    |  |
| Insulation Resistance | 100 GOhms                               |  |
| Max dV/dt             | 400 V/us                                |  |
| Resistance            | 176.8 mOhms (100kHz)                    |  |
| Ripple Current        | 1.174 Amps (100kHz 85C), 11 Amps (Peak) |  |
| Inductance            | 7 nH                                    |  |

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