

R745N2680AA00K

Aliases (745N2680AA00K)

Not for New Design

R74, Film, Metallized Polypropylene, Automotive Grade, 0.068 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 22.5mm



Click here for the 3D model.

| Dimensions | |
|------------|--------------------|
| L | 26.5mm +0.3/-0.5mm |
| н | 20mm +0.1/-0.5mm |
| т | 11mm +0.2/-0.5mm |
| S | 22.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 0.8mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Packaging | Bulk, Bag |
| Packaging Quantity | 360 |

| General Information | |
|---------------------|--|
| Series | R74 |
| Dielectric | Metallized Polypropylene |
| Style | Radial |
| Features | Automotive Grade, Pulse |
| RoHS | Yes |
| Lead | Cut |
| Qualifications | AEC-Q200 |
| AEC-Q200 | Yes |
| Component Weight | 7.334 g |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. |
| Notes | Series Replaced by R75. |

| Specifications | | | |
|-----------------------|--|--|--|
| Capacitance | 0.068 uF | | |
| Capacitance Tolerance | 10% | | |
| Voltage AC | 500 VAC | | |
| Voltage DC | 1600 VDC | | |
| Temperature Range | -55/+105°C | | |
| Rated Temperature | 85°C | | |
| Dissipation Factor | 0.04% 1kHz, 0.06% 10kHz, 0.25% 100kHz | | |
| Insulation Resistance | 100 GOhms | | |
| Max dV/dt | 1800 V/us | | |
| Resistance | 18.7 mOhms (100kHz) | | |
| Ripple Current | 5.6 Amps (100kHz 85C), 122 Amps (Peak) | | |
| Inductance | 18 nH | | |

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