

R75TW3680AA30K

Aliases (75TW3680AA30K)

Not for New Design

R75, Film, Metallized Polypropylene, General Purpose, 0.68 uF, 10%, 1600 VDC, 85°C, Lead Spacing = 37.5mm



| Dimensions | |
|------------|--------------------|
| L | 41.5mm +0.3/-0.7mm |
| Н | 32mm +0.1/-0.7mm |
| Т | 19mm +0.3/-0.7mm |
| S | 37.5mm +/-0.4mm |
| LL | 4mm +2mm |
| F | 1mm +/-0.05mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Tray |
| Packaging Quantity | 192 |

| General Information | | |
|---------------------|--|--|
| Series | R75 | |
| Dielectric | Metallized Polypropylene | |
| Style | Radial | |
| Features | Pulse | |
| RoHS | Yes | |
| Lead | Cut | |
| AEC-Q200 | No | |
| Component Weight | 30.28 g | |
| Miscellaneous | Above 85C DC And AC Voltage Derating Is 1.25%/C. | |

| Specifications | |
|-----------------------|-------------------------------|
| Capacitance | 0.68 uF |
| Capacitance Tolerance | 10% |
| Voltage AC | 650 VAC |
| Voltage DC | 1600 VDC |
| Temperature Range | -55/+105°C |
| Rated Temperature | 85°C |
| Dissipation Factor | 0.05% 1kHz, 0.08% 10kHz |
| Insulation Resistance | 44.1176 GOhms |
| Max dV/dt | 750 V/us |
| Ripple Current | Amps (100kHz 85C) Amps (Peak) |
| Inductance | 20 nH |

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