

## R75GR44704030K

Aliases (75GR44704030K)

R75, Film, Metallized Polypropylene, General Purpose, 4.7 uF, 10%, 160 VDC, 85°C, Lead Spacing = 27.5mm



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| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.3/-0.7mm |
| Н          | 25mm +0.1/-0.7mm |
| Т          | 13mm +0.2/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 30mm +5mm        |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications | ,    |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 288  |

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

| Specifications        |  |
|-----------------------|--|
| Capacitance           | 4.7 uF                                   |
| Capacitance Tolerance | 10%                                      |
| Voltage AC            | 90 VAC                                   |
| Voltage DC            | 160 VDC                                  |
| Temperature Range     | -55/+105°C                               |
| Rated Temperature     | 85°C                                     |
| Dissipation Factor    | 0.06% 1kHz                               |
| Insulation Resistance | 6.383 GOhms                              |
| Max dV/dt             | 50 V/us                                  |
| Resistance            | 5.1 mOhms (100kHz)                       |
| Ripple Current        | 11.91 Amps (100kHz 85C), 282 Amps (Peak) |
| Inductance            | 18 nH                                    |

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