

## R76QW42204030K

## Aliases (76QW42204030K)

R76, Film, Double Metallized Polypropylene, General Purpose, 2.2 uF, 10%, 1000 VDC, 85°C, Lead Spacing = 37.5mm



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| Dimensions |                    |
|------------|--------------------|
| L          | 41.5mm +0.3/-0.7mm |
| Н          | 45mm +0.1/-0.7mm   |
| т          | 30mm +0.3/-0.7mm   |
| S          | 37.5mm +/-0.4mm    |
| LL         | 30mm +5mm          |
| F          | 1mm +/-0.05mm      |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 60   |

| General Information |                                 |
|---------------------|---------------------------------|
| Series              | R76                             |
| Dielectric          | Double Metallized Polypropylene |
| Style               | Radial                          |
| Features            | Pulse                           |
| RoHS                | Yes                             |
| Lead                | Wire Leads                      |
| AEC-Q200            | No                              |
| Component Weight    | 62.9 g                          |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 2.2 uF                                       |
| Capacitance<br>Tolerance  | 10%  |
| Voltage AC                | 600 VAC                                      |
| Voltage DC                | 1000 VDC                                     |
| Temperature Range         | -55/+110°C                                   |
| Rated Temperature         | 85°C   |
| <b>Dissipation Factor</b> | 0.04% lkHz                                   |
| Insulation Resistance     | 13.63636 GOhms                               |
| Max dV/dt                 | 500 V/us                                     |
| Resistance                | 4.34 mOhms (100kHz)                          |
| Ripple Current            | 16.96 Amps (100kHz 85C), 1100 Amps<br>(Peak) |
| Inductance                | 20 nH  |

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