

## R76TN25605040K

## Aliases (76TN25605040K)

R76, Film, Double Metallized Polypropylene, Automotive Grade, 0.056 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          | 17mm +0.1/-0.5mm   |
| т          | 8.5mm +0.2/-0.5mm  |
| S          | 22.5mm +/-0.4mm    |
| LL         | 25mm +2/-1mm       |
| F          | 0.8mm +/-0.05mm    |

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 300       |

| General Information |                                 |  |
|---------------------|---------------------------------|--|
| Series              | R76                             |  |
| Dielectric          | Double Metallized Polypropylene |  |
| Style               | Radial                          |  |
| Features            | Automotive Grade, Pulse         |  |
| RoHS                | Yes                             |  |
| Lead                | Wire Leads                      |  |
| Qualifications      | AEC-Q200                        |  |
| AEC-Q200            | Yes                             |  |

| Specifications            |  |
|---------------------------|--|
| Capacitance               | 0.056 uF                               |
| Capacitance Tolerance     | 10%                                    |
| Voltage AC                | 650 VAC                                |
| Voltage DC                | 1600 VDC                               |
| Temperature Range         | -55/+110°C                             |
| Rated Temperature         | 85°C                                   |
| <b>Dissipation Factor</b> | 0.03% 1kHz, 0.04% 10kHz, 0.1% 100kHz   |
| Insulation Resistance     | 100 GOhms                              |
| Max dV/dt                 | 3000 V/us                              |
| Resistance                | 19.89 mOhms (100kHz)                   |
| Ripple Current            | 5.1 Amps (100kHz 85C), 168 Amps (Peak) |
| Inductance                | 16 nH                                  |

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