

## R76TW38205030J

Aliases (76TW38205030J)

R76, Film, Double Metallized Polypropylene, General Purpose, 0.82 uF, 5%, 1600 VDC, 85°C, Lead Spacing = 37.5mm



Click here for the 3D model.

| Dimensions |                    |
|------------|--------------------|
| L          | 41.5mm +0.3/-0.7mm |
| Н          | 44mm +0.1/-0.7mm   |
| Т          | 24mm +0.3/-0.7mm   |
| S          | 37.5mm +/-0.4mm    |
| LL         | 25mm +2/-1mm       |
| F          | 1mm +/-0.05mm      |

| Packaging Specifications | ,    |
|--------------------------|------|
| Packaging                | Tray |
| Packaging Quantity       | 72   |

| General Information |                                 |  |
|---------------------|---------------------------------|--|
| Series              | R76                             |  |
| Dielectric          | Double Metallized Polypropylene |  |
| Style               | Radial                          |  |
| Features            | Pulse                           |  |
| RoHS                | Yes                             |  |
| Lead                | Wire Leads                      |  |
| AEC-Q200            | No                              |  |
| Component Weight    | 53.3 g                          |  |

| Specifications        |                                         |
|-----------------------|-----------------------------------------|
| Capacitance           | 0.82 uF                                 |
| Capacitance Tolerance | 5%                                      |
| Voltage AC            | 650 VAC                                 |
| Voltage DC            | 1600 VDC                                |
| Temperature Range     | -55/+110°C                              |
| Rated Temperature     | 85°C                                    |
| Dissipation Factor    | 0.03% 1kHz, 0.06% 10kHz                 |
| Insulation Resistance | 36.5854 GOhms                           |
| Max dV/dt             | 1200 V/us                               |
| Resistance            | 5.82 mOhms (100kHz)                     |
| Ripple Current        | 14.1 Amps (100kHz 85C), 984 Amps (Peak) |
| Inductance            | 20 nH                                   |

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