

## R53BY515000SOM

Aliases (53BY515000SOM)

R53B, Film, Metallized Polypropylene, Automotive Safety, 15 uF, 20%, 800 VDC, 350 VAC (X2), 110°C, 37.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |                              |
|--------------------------|------------------------------|
| Series                   | R53B                         |
| Dielectric               | Metallized Polypropylene     |
| Style                    | Radial                       |
| Features                 | Automotive Grade, EMI Safety |
| RoHS                     | Yes                          |
| Termination              | Tinned Wire                  |
| Lead                     | Wire Leads                   |
| Safety Class             | X2                           |
| Qualifications           | ENEC, UL, cUL, CQC, AEC-Q200 |
| AEC-Q200                 | Yes                          |
| THB Performance          | Yes                          |
| Typical Component Weight | 104 g                        |
| Construction             | Series                       |

### Dimensions

|    |                 |
|----|-----------------|
| L  | 57.5mm +/-1.2mm |
| H  | 45mm +/-1.2mm   |
| T  | 30mm +/-1.2mm   |
| S  | 37.5mm +/-0.4mm |
| LL | 4mm +/-2mm      |
| F  | 1mm +/-0.05mm   |

### Packaging Specifications

|                    |            |
|--------------------|------------|
| Packaging          | Pizza, Box |
| Packaging Quantity | 27         |

### Specifications

|                       |              |
|-----------------------|--------------|
| Capacitance           | 15 uF        |
| Tolerance             | 20%          |
| Voltage DC            | 800 VDC      |
| Voltage AC            | 350 VAC (X2) |
| Temperature Range     | -40/+110°C   |
| Rated Temperature     | 110°C        |
| Dissipation Factor    | 0.3% 1kHz    |
| Insulation Resistance | 667 MOhms    |
| Max dV/dt             | 50 V/us      |

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