

## R53BR38205000K

Aliases (53BR38205000K)

R53B, Film, Metallized Polypropylene, Automotive Safety, 0.82 uF, 10%, 350 VAC (X2), 800 VDC, 125°C, Lead Spacing = 27.5mm



Click here for the 3D model.

| Dimensions |                  |
|------------|------------------|
| L          | 32mm +0.5/-0.7mm |
| Н          | 20mm +0.3/-0.7mm |
| Т          | 11mm +0.3/-0.7mm |
| S          | 27.5mm +/-0.4mm  |
| LL         | 25mm +2/-1mm     |
| F          | 0.8mm +/-0.05mm  |

| Packaging Specifications |            |  |  |
|--------------------------|------------|--|--|
| Packaging                | Pizza, Box |  |  |
| Packaging Quantity       | 336        |  |  |

| General Information |                              |  |
|---------------------|------------------------------|--|
| Series              | R53B                         |  |
| Dielectric          | Metallized Polypropylene     |  |
| Style               | Radial                       |  |
| Features            | Automotive Grade, EMI Safety |  |
| RoHS                | Yes                          |  |
| Lead                | Wire Leads                   |  |
| Safety Class        | X2                           |  |
| Qualifications      | ENEC, UL, cUL, CQC, AEC-Q200 |  |
| AEC-Q200            | Yes                          |  |
| THB Performance     | Yes                          |  |
| Component Weight    | 8.2 g                        |  |
| Construction        | Parallel                     |  |

| Specifications        |               |  |  |
|-----------------------|---------------|--|--|
| Capacitance           | 0.82 uF       |  |  |
| Capacitance Tolerance | 10%           |  |  |
| Voltage AC            | 350 VAC (X2)  |  |  |
| Voltage DC            | 800 VDC       |  |  |
| Temperature Range     | -40/+125°C    |  |  |
| Rated Temperature     | 125°C         |  |  |
| Dissipation Factor    | 0.3% 1KHz     |  |  |
| Insulation Resistance | 12.1951 GOhms |  |  |
| Max dV/dt             | 150 V/us      |  |  |

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