

R53BR412050SOM

Aliases (53BR412050SOM)

R53B, Film, Metallized Polypropylene, Automotive Safety, 1.2 uF, 20%, 350 VAC (X2), 800 VDC, 110°C, Lead Spacing = 27.5mm



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

| Dimensions | |
|------------|------------------|
| L | 32mm +0.5/-0.7mm |
| H | 22mm +0.3/-0.7mm |
| T | 13mm +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 | 288 |

| 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 | 11.1 g |
| Construction | Series |

| Specifications | |
|-----------------------|--------------|
| Capacitance | 1.2 uF |
| Capacitance Tolerance | 20% |
| Voltage AC | 350 VAC (X2) |
| Voltage DC | 800 VDC |
| Temperature Range | -40/+110°C |
| Rated Temperature | 110°C |
| Dissipation Factor | 0.3% 1KHz |
| Insulation Resistance | 8.3333 GOhms |
| Max dV/dt | 150 V/us |