

## R53BN356050SOM

Aliases (53BN356050SOM)

R53B, Film, Metallized Polypropylene, Automotive Safety, 0.56  $\mu$ F, 20%, 350 VAC (X2), 800 VDC, 110°C, Lead Spacing = 22.5mm



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

### Dimensions

L	26.5mm +/-0.5mm
H	18.5mm +0.3/-0.5mm
T	10mm +0.3/-0.5mm
S	22.5mm +/-0.4mm
LL	25mm +2/-1mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Pizza, Box
Packaging Quantity	300

### 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	5.7 g
Construction	Series

### Specifications

Capacitance	0.56 $\mu$ F
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	17.8571 GOhms
Max dV/dt	200 V/us