

## R53BR4180BB00K

R53B, Film, Metallized Polypropylene, Automotive Safety, 1.8 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
H	28mm +0.3/-0.7mm
T	14mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	4mm +2mm
F	0.8mm +/-0.05mm

### Packaging Specifications

Packaging	Pizza, Box
Packaging Quantity	230

### 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
Construction	Parallel

### Specifications

Capacitance	1.8 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	5.555556 GOhms
Max dV/dt	150 V/us

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