

## R53BY52000000K

Aliases (53BY52000000K)

R53B, Film, Metallized Polypropylene, Automotive Safety, 20 uF, 10%, 800 VDC, 350 VAC (X2), 110°C, 52.5 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	134 g
Construction	Parallel

### Dimensions

L	57.5mm +/-1.2mm
H	50mm +/-1.2mm
T	35mm +/-1.2mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	4mm +2mm
F	1.2mm +/-0.05mm

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	23

### Specifications

Capacitance	20 uF
Tolerance	10%
Voltage DC	800 VDC
Voltage AC	350 VAC (X2)
Temperature Range	-40/+125°C
Rated Temperature	110°C
Dissipation Factor	0.3% 1kHz
Insulation Resistance	500 MOhms
Max dV/dt	50 V/us

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