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**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
THB Performance	Yes
Typical Component Weight	55.6 g
Construction	Series

**Specifications**

Capacitance	8.2 uF
Tolerance	20%
Voltage DC	800 VDC
Voltage AC	350 VAC (X2)
Temperature Range	-40/+110°C
Rated Temperature	110°C
Dissipation Factor	0.3% 1kHz
Insulation Resistance	1.22 GOhms
Max dV/dt	100 V/us

**Dimensions**

L	42mm +0.5/-0.7mm
H	44mm +0.3/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
S1	10.2mm +/-0.4mm
LL	4mm +2mm
F	1mm +/-0.05mm

**Packaging Specifications**

Packaging	Pizza, Box
Packaging Quantity	44

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