

## R53BR410050S0M

R53B, Film, Metallized Polypropylene, Automotive Safety, 1 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
Construction	Series

### Specifications

Capacitance	1 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	10 GOhms
Max dV/dt	150 V/us

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