

## R53BN333050SOM

Aliases (53BN333050SOM)

R53B, Film, Metallized Polypropylene, Automotive Safety, 0.33  $\mu$ F, 20%, 800 VDC, 350 VAC (X2), 110°C, 22.5mm



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	3.7 g
Construction	Series

Specifications	
Capacitance	0.33 $\mu$ F
Capacitance Tolerance	20%
Voltage DC	800 VDC
Voltage AC	350 VAC (X2)
Temperature Range	-40/+110°C
Rated Temperature	110°C
Dissipation Factor	0.5% 1kHz
Insulation Resistance	30 GOhms
Max dV/dt	200 V/us

Dimensions	
L	26.5mm +/-0.5mm
H	16mm +0.3/-0.5mm
T	7mm +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	500

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