

R53BN410050SOM

Aliases (53BN410050SOM)

R53B, Film, Metallized Polypropylene, Automotive Safety, 1 uF, 20%, 350 VAC (X2), 800 VDC, 110°C, Lead Spacing = 22.5mm



Click [here](#) for the 3D model.

Dimensions	
L	26.5mm +/-0.5mm
H	22mm +0.3/-0.5mm
T	13mm +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	200

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
Component Weight	9.5 g
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	200 V/us