

R53BR41005000K

Aliases (53BR41005000K)

R53B, Film, Metallized Polypropylene, Automotive Safety, 1 uF, 10%, 350 VAC (X2), 800 VDC, 125°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
Component Weight	10.5 g
Construction	Parallel

Specifications

Capacitance	1 uF
Capacitance Tolerance	10%
Voltage AC	350 VAC (X2)
Voltage DC	800 VDC
Temperature Range	-40/+125°C
Rated Temperature	125°C
Dissipation Factor	0.3% 1KHz
Insulation Resistance	10 GOhms
Max dV/dt	150 V/us