

R53BW468050S0M

Aliases (53BW468050S0M)

R53B, Film, Metallized Polypropylene, Automotive Safety, 6.8 uF, 20%, 800 VDC, 350 VAC (X2), 110°C, 37.5 mm



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	51.4 g
Construction	Series

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

Specifications

Capacitance	6.8 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	1.471 GOhms
Max dV/dt	100 V/us

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.