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### Dimensions

L	42.5mm +1.5/-0.7mm
H	37mm +0.2/-0.7mm
T	28mm +0.4/-0.7mm
S	25.5mm +/-0.2mm
S1	21.5mm +/-0.2mm
S2	29.5mm +/-0.2mm
P	10.5mm NOM

### Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	36

### General Information

Series	C4BT
Dielectric	Metallized Polypropylene
Style	Radial
Features	Switching
RoHS	Yes
Lead	Flat Tabs
AEC-Q200	No
Component Weight	61.94 g
Miscellaneous	KEMET Style A Tabs. Peak Voltage = 600 VDC.

### Specifications

Capacitance	6.8 uF
Capacitance Tolerance	5%
Voltage DC	600 VDC
Temperature Range	-40/+85°C
Rated Temperature	70°C
Max dV/dt	70 V/us
Resistance	2.2 mOhms (100kHz)
Ripple Current	31 Amps (100kHz 70C), 478 Amps (Peak)
Inductance	36 nH