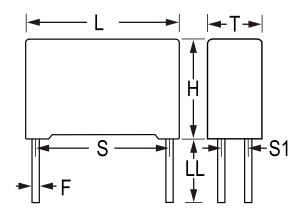
KEMET Part Number: C4AF9EW5420T3BK



C4AF, Film, Metallized Polypropylene, Power, 42 uF, 10%, 310 VAC, 630 VDC, 85°C, Lead Spacing = 52.5mm



Dimensions	
L	57.5mm +0.8/-0.7mm
Н	65mm +0.3/-0.7mm
Т	45mm +0.5/-0.7mm
S	52.5mm +/-0.4mm
S1	20.3mm +/-0.4mm
LL	6mm +0/-2mm
F	1.2mm +/-0.05mm

Packaging Specifications		
Packaging:	Bulk, Box	
Packaging Quantity:	18	

General Information		
Series:	C4AF	
Dielectric:	Metallized Polypropylene	
Style:	Radial	
Features:	Harsh Environmental Conditions	
RoHS:	Yes	
Lead:	4 Wire Leads	
Qualifications:	AEC-Q200, IEC61071, EN61071, VDE0560	
AEC-Q200:	Yes	
Miscellaneous:	Rth = 7 C/W.	

Specifications		
Capacitance:	42 uF	
Capacitance Tolerance:	10%	
Voltage AC:	310 VAC	
Voltage DC:	630 VDC	
Temperature Range:	-55/+105°C	
Rated Temperature:	85°C	
Dissipation Factor:	0.07% MAX	
Insulation Resistance:	0.71 MOhms	
Max dV/dt:	21 V/us	
Resistance:	2.6 mOhms	
Ripple Current:	34.5 Amps Irms (MAX), 882 Amps Ipkr	
Inductance:	19 nH (ESL)	

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