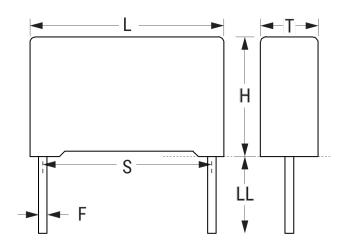


## C4AF1BU4750A12K

Not for New Design

C4AF, Film, Metallized Polypropylene, Power, 7.5 uF, 10%, 500 VDC, 250 VAC,  $85^{\circ}\text{C}, 27.5\text{mm}$ 



Click here for the 3D model.

Dimensions	
L	31.5mm +0.5/-0.7mm
Н	37mm +0.2/-0.7mm
Т	22mm +0.3/-0.7mm
S	27.5mm +/-0.4mm
LL	6mm +0/-2mm
F	0.8mm +/-0.05mm

Packaging Specifications	
Packaging	Bulk, Box
Packaging Quantity	64

General Information	
Series	C4AF
Dielectric	Metallized Polypropylene
Style	Radial
Features	Harsh Environmental Conditions
RoHS	Yes
Lead	Wire Leads
Qualifications	AEC-Q200, IEC61071, EN61071, VDE0560
AEC-Q200	Yes
Typical Component Weight	32.4 g
Miscellaneous	Rth = 23 C/W.

Specifications	
Capacitance	7.5 uF
Capacitance Tolerance	10%
Voltage DC	500 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	4 GOhms
Max dV/dt	38 V/us
ESR	6.4 mOhms
Ripple Current	12.3 Amps Irms (MAX), 285 Amps Ipkr
Inductance	28 nH (ESL)

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