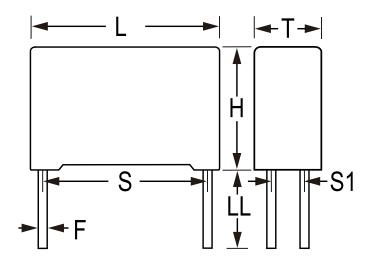




Not for New Design C4AF, Film, Metallized Polypropylene, Power, 47 uF, 10%, 500 VDC, 250 VAC, 85°C, 52.5 mm



Click her	e for	the	3D	model.
-----------	-------	-----	----	--------

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
Typical Component Weight	170.7 g
Miscellaneous	Rth = 8 C/W.

Dimensions	
L	57.5mm +0.8/-0.7mm
Н	56mm +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

Specifications	
Capacitance	47 uF
Tolerance	10%
Voltage DC	500 VDC
Voltage AC	250 VAC
Temperature Range	-55/+105°C
Rated Temperature	85°C
Insulation Resistance	640 MOhms
Max dV/dt	18 V/us
ESR	2.8 mOhms
Ripple Current	32 Amps Irms (MAX), 837 Amps Ipkr
Inductance	41 nH (ESL)

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.

Generated 08/26/2025 © 2006 - 2025 YAGEO