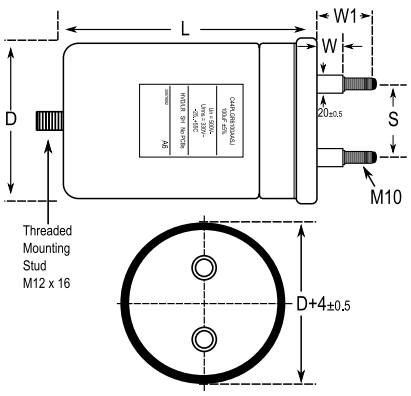
KEMET Part Number: C20ALGR5470AASK Not for New Design

C20A, Film, Metallized Polypropylene, AC Filter, 47 uF, 10%, 640 VAC, 1400 VDC



General Information	
Series:	C20A
Dielectric:	Metallized Polypropylene
Style:	Can
Features:	Single Phase PFC
RoHS:	With Exemptions
SCIP Number:	2d92f699-4786-4192-9c9d-d5c4faebc1e6
Lead:	Threaded Studs M10
AEC-Q200:	No
Miscellaneous:	Thermal Resistance = 6.3 C/W.
Notes:	This part is Not For New Design. See part number C44PRGR5470RASK.

Dimensions	
D	65mm +/-0.5mm
L	247mm +/-2mm
W	18mm +/-1mm
S	28mm +/-1mm
W1	40mm +/-1mm

Specifications	
Capacitance:	47 uF
Capacitance Tolerance:	10%
Voltage AC:	640 VAC
Voltage DC:	1400 VDC
Temperature Range:	-25/+70°C
Rated Temperature:	70°C
Insulation Resistance:	10 MOhms
Max dV/dt:	30 V/us
Resistance:	1.9 mOhms (10kHz)
Ripple Current:	55 Amps (10kHz 40C)
Inductance:	145 nH

Packaging Specifications	
Mounting:	Bolt - M12x16
Packaging:	Bulk, Bag

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.

© 2006 - 2022 KEMET