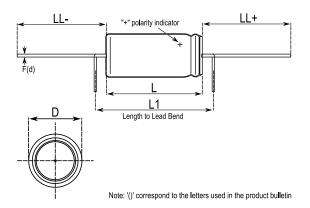
KEMET Part Number: PEG130HL4630QL1



Capacitor, Aluminum, 6300 uF, -10/+30% Tol, -40/+105C, 25 VDC@105C



Dimensions (mm)			
Symbol	Dimension	Tolerance	
D	20	+/-0.5	
L	46	+/-1	
L1	52	MIN	
LLPos	40	+/-2	
LLNeg	40	+/-2	
F	1	+/-0.03	

Notes:

-L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per article.

General Information		
Supplier:	KEMET	
Application:	105C	
Part Type Description:	Long Life Axial Aluminum Electrolytic	
Lead Type:	Wire Leads	
Weight:	24 g	
RoHS:	Yes	

Specifications		
Capacitance:	6300 uF	
Voltage:	25 VDC	
Tolerance:	-10/+30%	
Rated Temperature:	105C	
Temperature Range:	-40/+105C	
Life:	37000 Hrs	
Leakage Current:	476.5 uA	
Leakage Condition:	uAmps (5min 20C)	
Resistance/ESR:	30 mOhms (100Hz 20C)	
Resistance/ESR:	20.6 mOhms (100kHz 20C)	
Resistance/ESR:	11.3 mOhms (5-100kHz 105C)	
Current/Ripple Current:	2.45 Amps (100Hz 105C)	
Current/Ripple Current:	12.1 Amps (5kHz 60C)	
Current/Ripple Current:	9.9 Amps (5kHz 80C)	
Current/Ripple Current:	5.5 Amps (5kHz 100C)	
Current/Ripple Current:	3.6 Amps (>=5kHz 105C)	

Packaging Specifications		
Package Kind:	Bulk	
Package Quantity:	100	

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.

