

Excellent Integrated System Limited

Stocking Distributor

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KEMET PEG130ML4180QL1

For any questions, you can email us directly: sales@integrated-circuit.com

Distributor of KEMET: Excellent Integrated System Limited

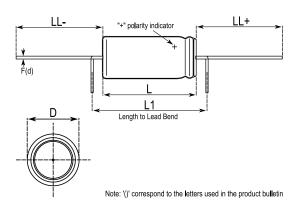
Datasheet of PEG130ML4180QL1 - CAP ALUM 1800UF 63V AXIAL

Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

KEMET Part Number: PEG130ML4180QL1



Capacitor, Aluminum, 1800 uF, -10/+30% Tol, -40/+105C, 63 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:	1800 uF	
Voltage:	63 VDC	
Tolerance:	-10/+30%	
Rated Temperature:	105C	
Temperature Range:	-40/+105C	
Life:	37000 Hrs	
Leakage Current:	344.2 uA	
Leakage Condition:	uAmps (5min 20C)	
Resistance/ESR:	51 mOhms (100Hz 20C)	
Resistance/ESR:	24 mOhms (100kHz 20C)	
Resistance/ESR:	15.9 mOhms (5-100kHz 105C)	
Current/Ripple Current:	1.65 Amps (100Hz 105C)	
Current/Ripple Current:	10.4 Amps (5kHz 60C)	
Current/Ripple Current:	8.4 Amps (5kHz 80C)	
Current/Ripple Current:	4.7 Amps (5kHz 100C)	
Current/Ripple Current:	3.1 Amps (>=5kHz 105C)	

Packaging Specifications		
Package Kind:	Bulk	
Package Quantity:	100	

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