Excellent Integrated System Limited

Stocking Distributor

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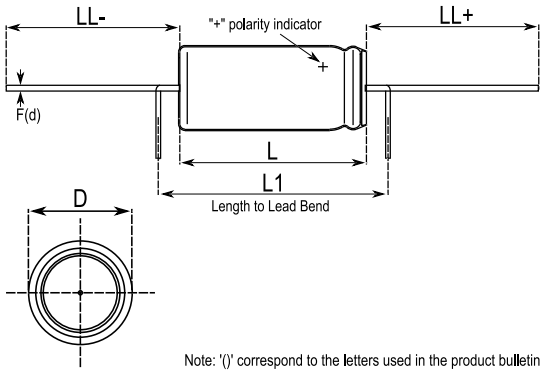
KEMET
PEG130ML4180QL1

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

KEMET Part Number: PEG130ML4180QL1

Capacitor, Aluminum, 1800 uF, -10/+30% Tol, -40/+105C, 63 VDC@105C



Note: '()' correspond to the letters used in the product bulletin

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

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.

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