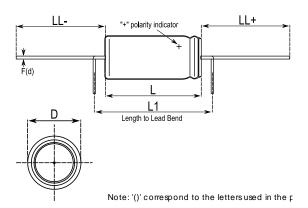
## KEMET Part Number: PEG130KJ4300Q



## Capacitor, aluminum, 3000 uF, +/-20% Tol



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| D               | 20        | +/-0.5    |  |
| L               | 37        | +/-1      |  |
| L1              | 43        | MIN       |  |
| LLPos           | 40        | +/-2      |  |
| LLNeg           | 40        | +/-2      |  |
| F               | 1         | +/-0.03   |  |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Quantity:        | 125  |  |

| General Information    |  |  |
|------------------------|--|--|
| Supplier:              | KEMET                                      |  |
| Part Type Description: | Axial Cylindrical Aluminum<br>Electrolytic |  |
| Style:                 | Axial Cylindrical                          |  |

| Specifications          |                            |  |
|-------------------------|----------------------------|--|
| Capacitance:            | 3000 uF                    |  |
| Voltage @ rated temp:   | 40VDC                      |  |
| Rated Temperature:      | 105C                       |  |
| Tolerance:              | +/-20%                     |  |
| Life @ rated temp:      | 5000 Hrs                   |  |
| RoHS:                   | Yes                        |  |
| Low Z/ESR:              | Yes                        |  |
| Temperature Range:      | -40/+105C                  |  |
| Lead Type:              | Wire Leads                 |  |
| Leakage Current:        | 364 uA                     |  |
| Leakage Condition:      | 5min/20c                   |  |
| Resistance/ESR:         | 42 mOhms (100Hz 20C)       |  |
| Resistance/ESR:         | 24 mOhms (100kHz 20C)      |  |
| Resistance/ESR:         | 13.1 mOhms (5-100kHz 105C) |  |
| Current/Ripple Current: | 1.85 A (100Hz 105C)        |  |
| Current/Ripple Current: | 10.7 A (>=5kHz 60C)        |  |
| Current/Ripple Current: | 8.7 A (>=5kHz 80C)         |  |
| Current/Ripple Current: | 4.9 A (>=5kHz 100C)        |  |
| Current/Ripple Current: | 3.2 A (>=5kHz 105C)        |  |

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