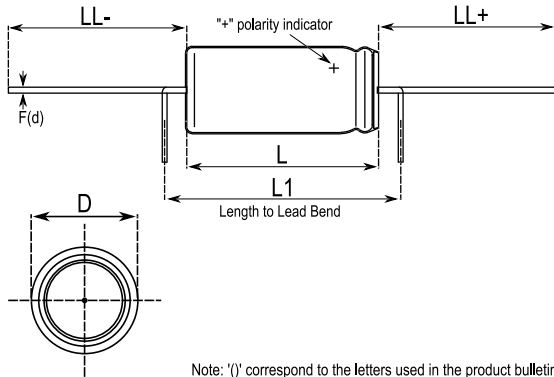


Capacitor, Aluminum, 6300 uF, -10/+30% Tol, -40/+105C, 25 VDC@105C



| 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 |