## KEMET Part Number: A758BG227M0GAAE020



## Capacitor, Aluminum, 220 uF, +/-20% Tol, -55/+105C, 4 VDC@105C



| General Information    |                                   |  |
|------------------------|-----------------------------------|--|
| Supplier:              | KEMET                             |  |
| Application:           | 105C Polymer                      |  |
| Part Type Description: | Single Ended, Polymer<br>Aluminum |  |
| Lead Type:             | Wire Leads                        |  |
| RoHS:                  | Yes                               |  |

| Dimensions (mm) |           |           |
|-----------------|-----------|-----------|
| Symbol          | Dimension | Tolerance |
| D               | 5         | +/-0.5    |
| L               | 7         | +/-1      |
| S               | 2         | +/-0.5    |
| LLPos           | 19        | MIN       |
| LLNeg           | 15        | MIN       |
| F               | 0.5       | +/-0.5    |

| Packaging Specifications |      |  |
|--------------------------|------|--|
| Package Kind:            | Bulk |  |
| Package Type:            | Bag  |  |

| Specifications          |  |
|-------------------------|--|
| Capacitance:            | 220 uF   |
| Voltage:                | 4 VDC  |
| Tolerance:              | +/-20%   |
| Voltage:                | 4.6 VDC (Surge)  |
| Life:                   | 5000 Hrs (+/-20% Initial<br>Capacitance, 1.5x DF MAX,<br>Leakage Within Limit) |
| Rated Temperature:      | 105C   |
| Temperature Range:      | -55/+105C  |
| Leakage Current:        | 132 uA   |
| Leakage Condition:      | uAmps (2min 20C)   |
| Dissipation Factor:     | 10%  |
| Impedance Ratio -25C:   | 1.25   |
| Impedance Ratio -55C:   | 1.25   |
| Resistance/ESR:         | 20 mOhms (100kHz 20C)  |
| Current/Ripple Current: | 2500 mAmps (100kHz 105C)   |

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