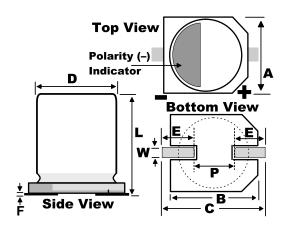
## **KEMET Part Number: EXV226M050A9HAA**



## Capacitor, aluminum, 22 uF, +/-20% Tol, 50 VDC@105C



| Dimensions (mm) |           |           |  |
|-----------------|-----------|-----------|--|
| Symbol          | Dimension | Tolerance |  |
| D               | 6.3       | +/-0.5    |  |
| L               | 7.7       | +/-0.3    |  |
| Α               | 6.6       | +/-0.2    |  |
| В               | 6.6       | +/-0.2    |  |
| С               | 7.8       | MAX       |  |
| W               | 0.65      | +/-0.1    |  |
| E               | 2.6       | +/-0.2    |  |
| Р               | 1.8       | +/-0.2    |  |
| F               | 0.3       | MAX       |  |

| Packaging Specifications |       |  |
|--------------------------|-------|--|
| Package Kind:            | T&R   |  |
| Package Size:            | 380mm |  |
| Package Quantity:        | 1000  |  |

| General Information    |  |  |
|------------------------|--|--|
| Supplier:              | KEMET                                  |  |
| Application:           | 105C Low Z                             |  |
| Hi Temp Solder:        | Yes                                    |  |
| Part Type Description: | Surface Mount Aluminum<br>Electrolytic |  |
| Lead Type:             | V-Chip                                 |  |
| RoHS:                  | Yes                                    |  |

| Specifications          |                       |  |
|-------------------------|-----------------------|--|
| Capacitance:            | 22 uF                 |  |
| Voltage:                | 50 VDC                |  |
| Tolerance:              | +/-20%                |  |
| Voltage:                | 63 VDC (Surge)        |  |
| Rated Temperature:      | 105C                  |  |
| Temperature Range:      | -40/+105C             |  |
| Life:                   | 3000 Hrs              |  |
| Leakage Current:        | 11 uA                 |  |
| Leakage Condition:      | uAmps (2min 20C)      |  |
| Dissipation Factor:     | 12%                   |  |
| Impedance Ratio -25C:   | 2.0                   |  |
| Impedance Ratio -40C:   | 3.0                   |  |
| Resistance/ESR:         | 1.3 Ohms (100kHz)     |  |
| Current/Ripple Current: | 161 mAmps (120Hz)     |  |
| Current/Ripple Current: | 322 mAmps (120Hz 85C) |  |
| Current/Ripple Current: | 230 mAmps (100kHz)    |  |

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