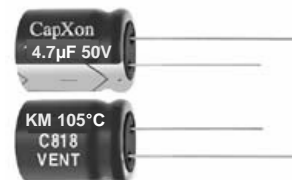


# Aluminum Electrolytic Capacitor



## KM series

|  |                       |     |
|--|-----------------------|-----|
| Part number                            | <b>KM4R7M050C110A</b> |     |
| Capacitance                            | 4.7                   | μF  |
| Voltage                                | 50                    | VDC |
| Surge Voltage                          | 57                    | VDC |
| Capacitance Tolerance (@ +20°C)        | ±20                   | %   |
| Ripple current (max, @120Hz,+105°C)    | 32                    | mA  |
| Dissipation factor(tanδ @120Hz, +20°C) | 10                    | %   |
| Leakage Current (max, @ +20°C)*        | 3                     | μA  |
| Size                                   | 5x11                  | mm  |
| Operating temperature                  | -40 to 105            | °C  |
| Endurance                              | 2000                  | h   |



L.C.: After 1 min. with rated working voltage applied.

| Test conditions                  | Endurance   | Shelf Life    |
|----------------------------------|---|---------------|
| Duration time                    | 2000h @ 105°C   | 1000h @ 105°C |
| Applied voltage                  | Rated DC working voltage, I <sub>R</sub>  | None          |
| After test requirements (+20°C): |   |               |
| Capacitance change               | ≤ ±20% of initial measured value  |               |
| Dissipation factor change        | ≤ 200% of the initial specified value   |               |
| Leakage current                  | ≤ the initial specified value   |               |
| comment                          | Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 min. |               |



|    |     |
|----|-----|
| D  | 5   |
| L  | 11  |
| F  | 2   |
| dφ | 0.5 |

| Series    | Cap        | Tol.     | Voltage    | Case D   | Case L     | Type       | Lead Treatm. | Special     |
|-----------|------------|----------|------------|----------|------------|------------|--------------|-------------|
| 1_2       | 3_4_5      | 6        | 7_8_9      | 10       | 11_12_13   | 14         | 15_16        | 17_18_19_20 |
| <b>KM</b> | <b>4R7</b> | <b>M</b> | <b>050</b> | <b>C</b> | <b>110</b> | <b>A</b>   | <b>A</b>     |             |
|           | =4.7μF     | =±20%    | =50V       | =5mm     | =11mm      | A=standard | no request   |             |
|           | ...        |          |            |          |            |            |              |             |

Specification and description for the component(s) are subject to change without notice. For packaging, handling, precautions and warning information, please visit our website: [www.capxongroup.com](http://www.capxongroup.com)