

## Overview

KEMET's A780 is a surface mount conductive polymer hybrid capacitor with outstanding electrical performance. The winding is housed in a cylindrical aluminum can with a high-quality rubber deck. Low ESR is conditioned by a highly conductive polymer (PEDOT/PSS). The polymer system creates an electrical pathway between the anodic oxide layer and the cathode through a mechanical separator - paper. The winding is impregnated with liquid electrolyte that translates to the self-healing features of the capacitor.

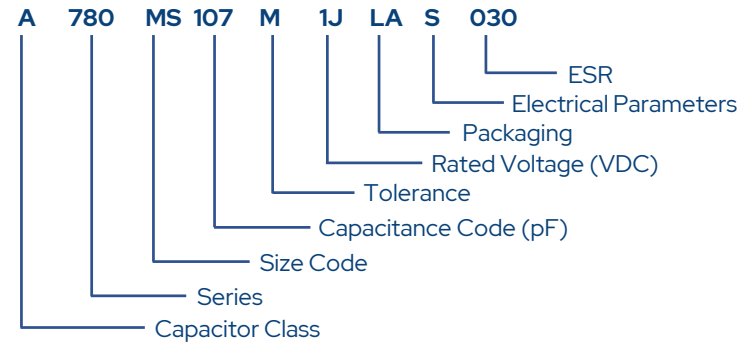
### Electrical Characteristics

- Rated Voltage: 63 VDC
- Capacitance: 56 & 100  $\mu$ F
- Operating Temp: -55°C – 125°C
- Life: 3,000 hours

### Benefits

- High Ripple Current for smaller case size
- High Temperature
- Low Leakage Current
- High Vibration up to 30g
- Self-healing behaviors
- AEC-Q200
- RoHS compliant and Halogen Free

### Part Number System



## ALUMINUM POLYMER CAPACITOR

# Surface Mount Hybrid Polymer

### Applications

- Automotive and Mobile aircraft installations



**Standard**

10 x 12.2



**Anti-Vibration**

10 x 12.4

### ESR Versus Frequency

