

**I. PART NUMBER**

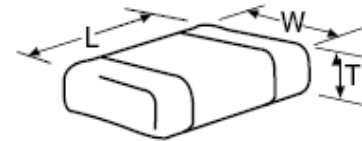
**QM series** – vertical electrodes, reduces low frequency (audio) noise

**QM05YD106KAT2A**

**II. MECHANICAL DIMENSION**

EIA 0805

Dimension	Length (L)	Width (W)	Thickness (T)
mm	2.0±0.2	1.25±0.2	1.25±0.2



**III. PERFORMANCE CHARACTERISTICS**

Capacitance Value	10 $\mu$ F
Capacitance Tolerance	K= $\pm$ 10%
Voltage Rating	16 VDC
Operating Temp. Range	-55°C to +85°C
Temperature Characteristic	+/-15% (X5R)
Dissipation Factor	12.5% max
Insulation Resistance	10000M $\Omega$ or 500M $\Omega$ · $\mu$ F min (charge device with rated voltage for 60 $\pm$ 5 sec @ room temp/humidity)
Test Frequency	1.0kHz +/- 10% @ 0.5 +/-0.2 Vrms
Terminations	Nickel Barrier; 100% tin

PRELIMINARY