

**I. PART NUMBER**

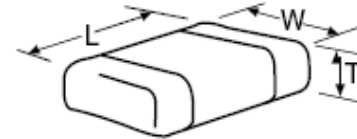
**QM series** – vertical electrodes, reduces low frequency (audio) noise

**QM054D226MAT2A**

**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	22 $\mu$ F
Capacitance Tolerance	M= $\pm$ 20%
Voltage Rating	4.0 VDC
Operating Temp. Range	-55°C to +85°C
Temperature Characteristic	+/-15% (X5R)
Dissipation Factor	10% 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	120Hz +/- 10% @ 0.5 +/-0.2 Vrms
Terminations	Nickel Barrier; 100% tin

PRELIMINARY