

I. PART NUMBER

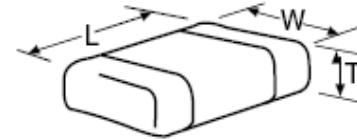
QM series – vertical electrodes, reduces low frequency (audio) noise

QM036D106MAT2A

II. MECHANICAL DIMENSION

EIA 0603

Dimension	Length (L)	Width (W)	Thickness (T)
mm	1.6±0.2	0.8±0.2	0.8±0.2



III. PERFORMANCE CHARACTERISTICS

Capacitance Value	10 μ F
Capacitance Tolerance	M= \pm 20%
Voltage Rating	6.3 VDC
Operating Temp. Range	-55°C to +85°C
Temperature Characteristic	+/-15% (X5R)
Dissipation Factor	12.5% max
Insulation Resistance	10000M Ω or 500M Ω · μ F min (charge device with rated voltage for 60 \pm 5 sec @ room temp/humidity)
Test Frequency	1 kHz +/- 10% @ 0.5 +/-0.2 Vrms
Terminations	Nickel Barrier; 100% tin

PRELIMINARY