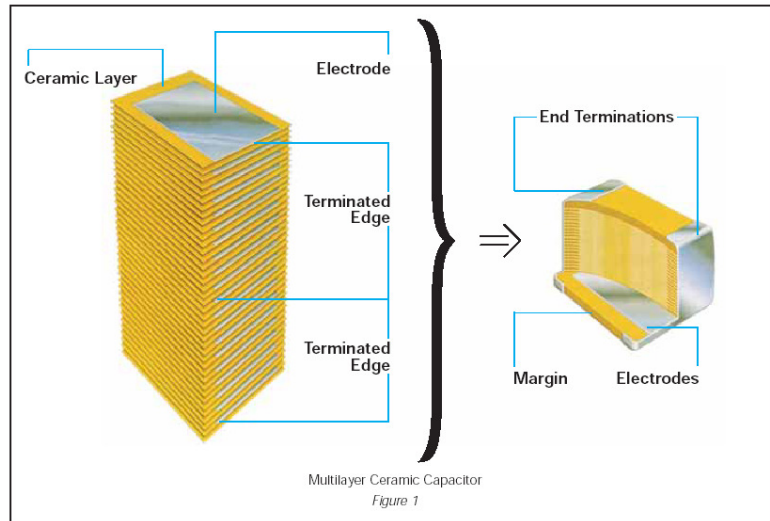
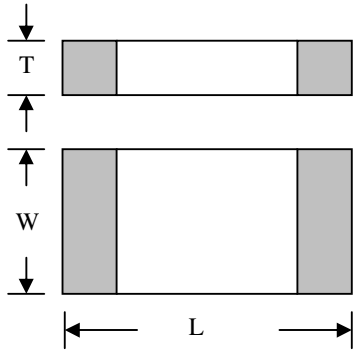


I. PART NUMBER

18085C104MAT2A

II. MECHANICAL DIMENSION



Dimension	Length (L)	Width (W)	Max Thickness (T)
mm	4.60 ± 0.50	2.00 ± 0.20	1.10
Inches	0.181 ± 0.020	0.079 ± 0.008	0.043

III. PERFORMANCE CHARACTERISTICS

Capacitance Value	100 000 pF
Capacitance Tolerance	M = ±20%
Dissipation Factor	2.5% max
Operating Temp. Range	-55°C to +125°C
Temperature Characteristic	± 15% (X7R)
Voltage Rating	50 VDC
Insulation Resistance	10 000 MΩ (charge device with rated voltage for 120 ±5 sec @ room temp/humidity)
Test Frequency	1.0 kHz @ 1.0 Vrms
Terminations	Nickel Barrier; 100% matte Tin Finish, RoHS compliant

DRAWN	Suhail	07-04-17	CUSTOMER	
CHECKED	Suhail	07-04-17	CUSTOMER PART NO.	
REFERENCE NO.	SMP-CHIP		AVX CATALOG NO.	18085C104MAT2A