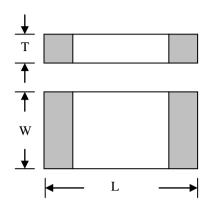
# **AVX MLCC PRODUCTS**

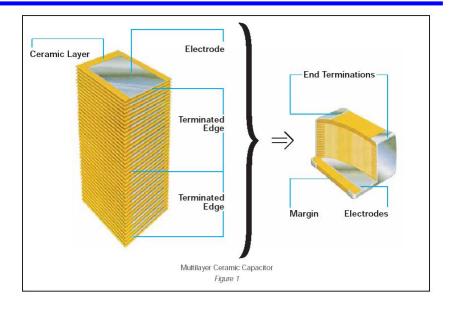


## I. PART NUMBER

#### 08054W106MAT2A

## II. MECHANICAL DIMENSION





Dimension	Length (L)	Width (W)	Max Thickness (T)
mm	$2.01 \pm 0.20$	$1.24 \pm 0.20$	1.45
Inches	$0.079 \pm 0.008$	$0.049 \pm 0.008$	0.057

## III. PERFORMANCE CHARACTERISTICS

Capacitance Value 10.00 µF

Capacitance Tolerance  $M = \pm 20\%$ 

Dissipation Factor 12.5% max

Operating Temp. Range  $-55^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$ 

Temperature Characteristic  $\pm 22\%$  (X6S)

Voltage Rating 4.0 VDC

Insulation Resistance  $50 \text{ M}\Omega$ 

(charge device with rated voltage for  $120 \pm 5$  sec @ room temp/humidity)

Test Frequency 1.0 kHz @ 1.0 Vrms

Terminations Nickel Barrier; 100% matte Tin Finish, RoHS compliant

DRAWN	Shamsi Hadi	17-07-14	CUSTOMER	
CHECKED	Shamsi Hadi	17-07-14	CUSTOMER PART NO.	
REFERENCE NO.	SMP-CHIP		AVX CATALOG NO.	08054W106MAT2A