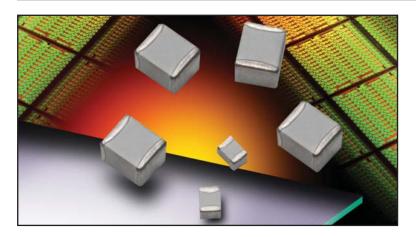
6

# Microwave MLC's







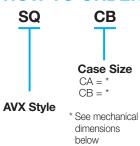
### **FEATURES:**

- Low ESR
- High Q
- High Self Resonance
- Capacitance Range 0.1 pF to 5100 pF
- 175°C Capability SQCB

#### APPLICATIONS:

- RF Power Amplifiers
- Low Noise Amplifiers
- Filter Networks
- MRI Systems

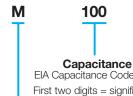






9 = 300V

7 = 500V



EIA Capacitance Code in pF. First two digits = significant figures or "R" for decimal place. Third digit = number of zeros

or after "R" significant figures.

Capacitance **Tolerance Code** 

> $B = \pm .1 pF$  $C = \pm .25 pF$  $D = \pm .5 pF$  $F = \pm 1\%$  $G = \pm 2\%$  $J = \pm 5\%$  $K = \pm 10\%$  $M = \pm 20\%$

 $N = \pm 30\%$ 

**Failure Rate** Code A = Not

Applicable

#### **Packaging Code**

1A

1A = 7" Reel Unmarked 6A = Waffle Pack Unmarked ME = 7" Reel Marked

WE = Waffle Pack Unmarked

- \* Vertical T&R available
- \* 500 piece reels available

## **Termination Style Code**

\*\*1 = Pd/Ag\*\*7 = Ag/Ni/Au

J = Nickel Barrier Sn/Pb (60/40)

\*\*T = 100% Tin

H = Cu/Sn (Non-Magnetic)

\*\*RoHS Compliant

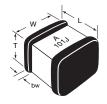
## **MECHANICAL DIMENSIONS:** inches (millimeters)

Temperature Coefficient Code

 $M = +90\pm20$ ppm/°C

C = 15% ("J" Termination only)

 $A = 0\pm30ppm/^{\circ}C$ 



Case	Length (L)	Width (W)	Thickness (T)	Band Width (bw)
SQCA*	.055 + .015010	.055±.015	.020/.057	.010 + .010005
	(1.40+ .381254)	(1.40±.381)	(.508/1.45)	(.254 +.254127)
SQCB*	.110 + .020010	.110±.010	.030/.102	.015±.010
	(2.79 +.508254)	(2.79±.254)	(.762/2.59)	(.381±.254)

TAPE & REEL: All tape and reel specifications are in compliance with EIA RS481 (equivalent to IEC 286 part 3).

-7" reel: SQCA/SQCB = 2000 pcs (500 piece reels SQCA SQCB)

#### **WAFFLE PACK**

SQCA 100 pcs SQCB 80 pcs



