

# Capacitor Networks



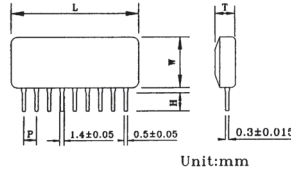
**CN Series**  
(Single-In Line, Low Profile)

**MERITEK**

## APPLICATIONS

- Personal Computer
- Floppy Disk Drives
- OA Machine
- V.T.R
- Sequential machine
- TTL,CMOS,NMOS RMOS Interface circuits

### ■ Dimensions



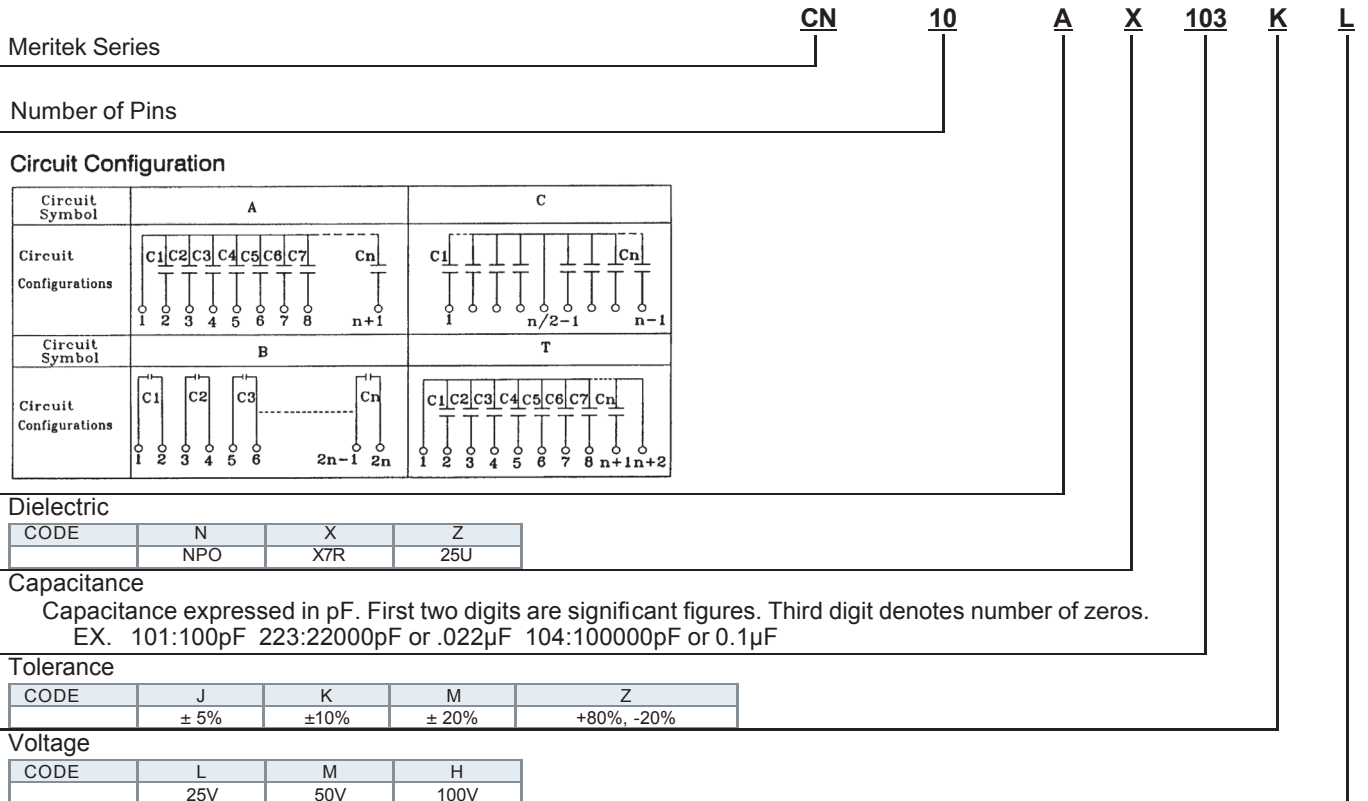
	Size (mm)
W	5.6±0.2
P	2.54±0.05
T	2.4±0.3
L	2.54xPin No.+1.3(nominal)
H	3.25±0.05

Unit:mm

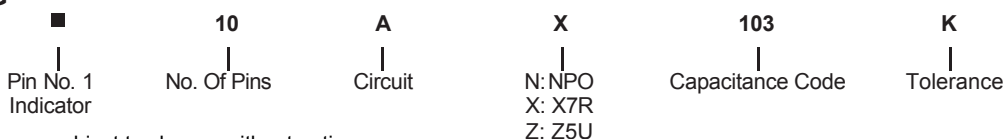
## SPECIFICATIONS

ITEM \ TC	NPO	X7R	Z5U
Temperature Coefficient	0 ±30 ppm /°C -55°C to +125°C	±15% -55°C to +125°C	+22%, -56% -55°C to +85°C
Capacitance Test 25°C	1 Vrms max. at 1 KHz (1MHz for 100pF or less)	1 Vrms max. at 1KHz	1 Vrms max. at 1KHz
Dissipation Factor 25°C	0.15% max. at 1KHz, 1Vrms (1MHz for 100pF or less)	2.5% max. at 1KHz, 1 Vrms max.	5% max. at 1 KHz, 1 Vrms max.
Dielectric Strength, 25°C	300% rated voltage for 5 sec. 500mA max.	250% rated voltage for 5 sec. with 50mA max. charging	
Life Test (1000 hours)	≤ ±3% at 200% rated voltage, 125°C	≤ ±12.5% at 200% rated voltage, 125°C	< ±30% at 200% rated voltage, 85°C
Insulation Resistance 25°C	10,000 MΩ min.		
Rated Voltage	DC 25V, 50V, 100V		
Capacitance Range	10pF to 0.15μF		
Tolerance	±5% to +80 / -20%		

## PART NUMBERING SYSTEM



## MARKING



Specifications are subject to change without notice.