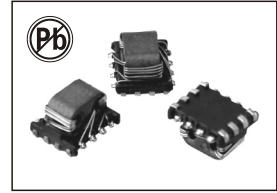


# SURFACE-MOUNT COMMON MODE CHOKES

## CM 09-10 SERIES



### FEATURES:

- LCP Base
- High Frequency Design
- Excellent Mechanical Strength
- Excellent Solderability
- High Reliability
- Low Profile

### OPTIONS:

- Packaging: Tape & Reel is standard (Qty:2000pcs)  
Bulk packaging available for smaller quantities
- Tolerance: 10% and 5% is standard, tighter tolerances available

### COMMON APPLICATIONS:

- Datalline Noise Suppression
- Video Cameras
- Communication System
- Automotive Systems
- Liquid Crystal Televisions
- Hard Disk Drives
- Network Systems
- Computer Peripheral Equipment

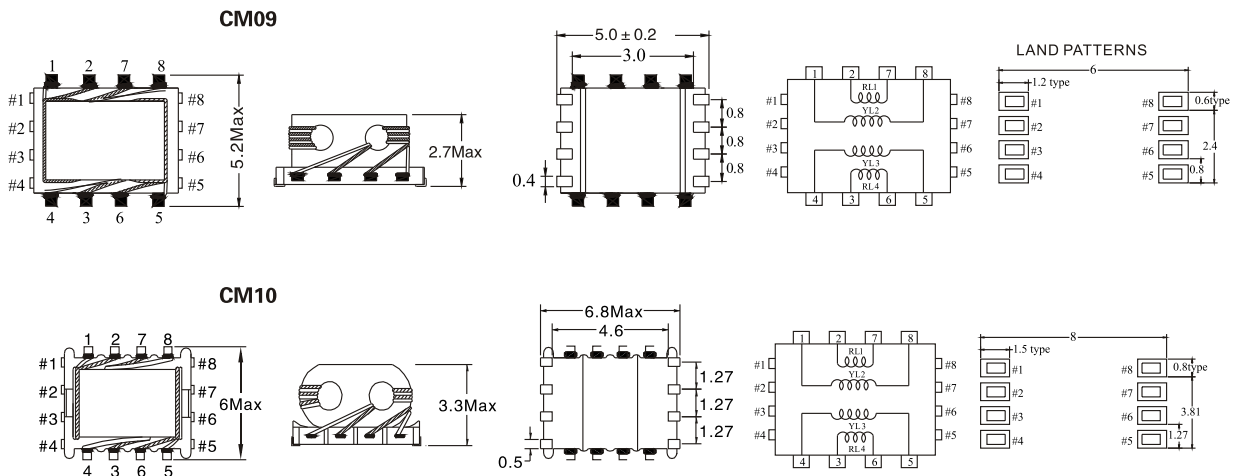
## ELECTRICAL CHARACTERISTICS:

Part Number	Insertion Loss(dB)				DCR $\Omega$ Max	IDC A Max	Impedance (Typical)	Wistanding Voltage (CH-901)
	50MHz	100MHz	300MHz	500MHz				
CM 09-1394A	2.8 $\pm$ 2.0	7.3 $\pm$ 2.5	12.0 $\pm$ 3.0	14.0 $\pm$ 3.0	0.3	0.65	220 $\Omega$ @ 100MHz	50VDC
CM 10-121	1.3 $\pm$ 0.5	4.0 $\pm$ 1.5	8.0 $\pm$ 2.0	11.0 $\pm$ 3.0	0.3	0.65	120 $\Omega$ @ 100MHz	100VAC
CM 10-151	2.5 $\pm$ 1.0	3.0 $\pm$ 1.5	4.0 $\pm$ 2.0	5.0 $\pm$ 3.0	0.3	0.30	150 $\Omega$ @ 100MHz	100VAC
CM 10-161	3.0 $\pm$ 1.0	8.0 $\pm$ 2.0	13.0 $\pm$ 2.5	15.0 $\pm$ 3.0	0.3	0.30	160 $\Omega$ @ 100MHz	100VAC
CM 10-221	2.0 $\pm$ 1.0	6.0 $\pm$ 2.0	12.0 $\pm$ 2.5	14.0 $\pm$ 3.0	0.12	0.65	220 $\Omega$ @ 100MHz	100VAC

Note: 1. K=  $\pm$  10%, M=  $\pm$  20%, N=  $\pm$  30%

## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

### DIMENSIONS IN:mm



- Inductance Testing: 1KHz 1V HP4284A
- Z test with HP4191A or HP4395A
- RDC: QuadTech 1880 Milliohm meter
- Operating temperature: -40°C to +105°C
- Storage Temperature: -40°C to +105°C
- Resistance to soldering heat: 260°C for 10 seconds
- Marking: Part number and date code

Note: All specifications subject to change without notice.