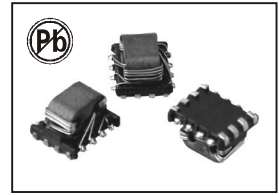


SURFACE-MOUNT COMMON MODE CHOKES

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:

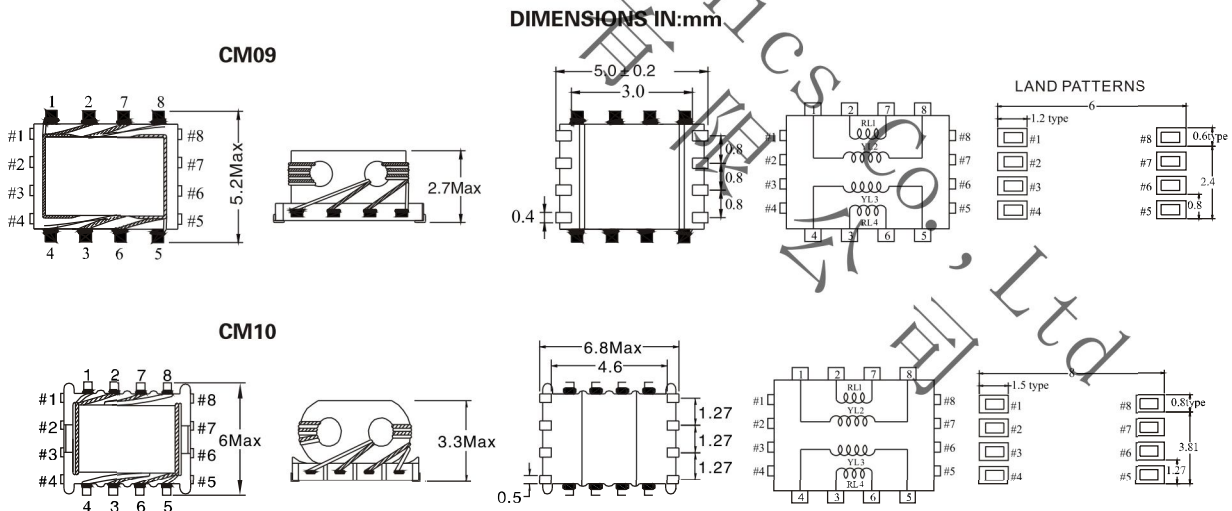
- Datalline Noise Suppression
- Video Cameras
- Communication System
- Automotive Systems
- Liquid Crystal Televisions
- Hard Disk Drives
- Network Systems
- Computer Peripheral Equipment

ELECTRICAL CHARACTERISTICS:

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

Note: 1. K= ± 10%, M= ± 20%, N= ± 30%

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



- Inductance Testing: 1KHz 1V HP4284A
- Z test with HP4191A or HP4395A
- RDC: QuadTech 1880 Milliohmmer
- 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.