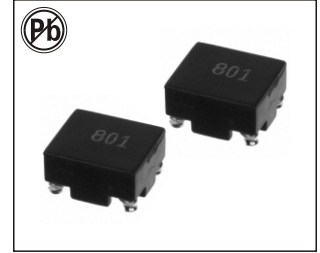


# SMD COMMON MODE LINE FILTER

## CM02 SERIES



### FEATURES:

- Ferrite Core bobbin construction
- High frequency and Large current
- Excellent Mechanical Strength
- Excellent Solderability
- Excellent Frequency performance
- Low Profile and Low cost

### COMMON APPLICATIONS:

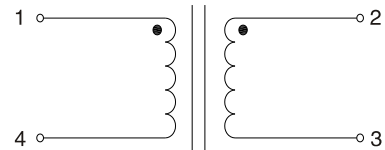
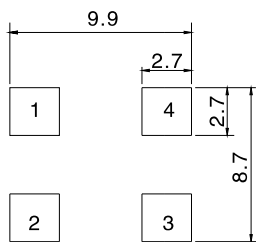
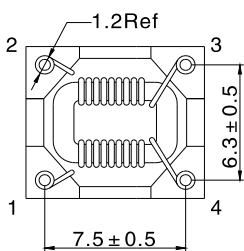
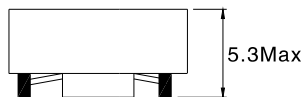
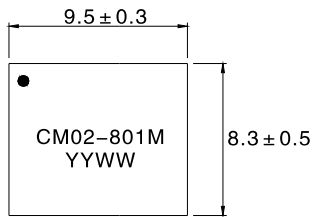
- Video Cameras
- Communication System
- Automotive Systems
- Liquid Crystal Televisions
- Hard Disk Drives
- Network Systems
- Computer Peripheral Equipment

## ELECTRICAL CHARACTERISTICS@25°C

Part Number	Inductance (uH) Typ.	Impedance (Ω) ±25% @100MHz	Rated current (A)	DCR (mΩ)Max
CM02-501M	5.0	500	5.0	5.5
CM02-801M	9.0	800	3.5	13.2
CM02-102M	11.0	1000	2.5	30.0

## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS

Dimensions(mm)



Note:

- 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.