

# COMMON MODE CHOKE

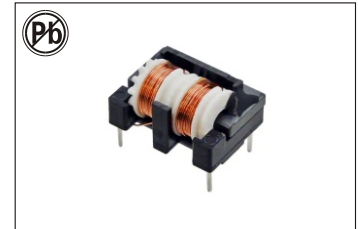
## UT1609 SERIES

### FEATURES:

- 17.0X13.0mm Max.(LXW), 9.5mm Max. Height.
- Inductance range: 0.47mH~10mH
- Rated current range: 0.2~1.10A
- Small size and large inductance type.
- Excellent attenuation characteristics in low frequency.
- RoHS Compliance

### APPLICATIONS:

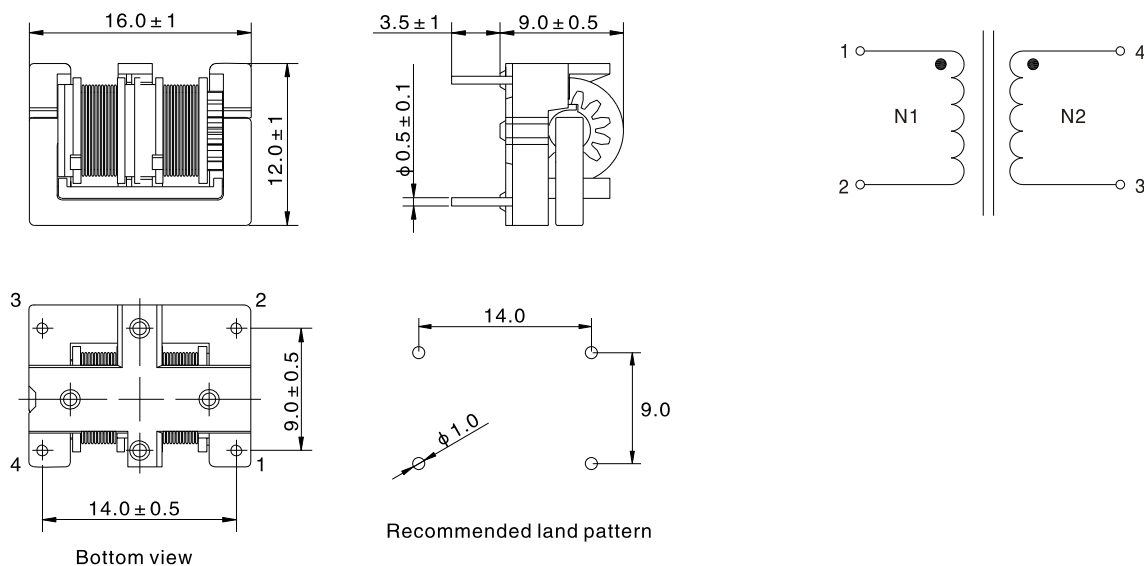
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDP Televisions
- VCR,AV,OA equipment.



### ELECTRICAL CHARACTERISTICS:

| Part Number       | Inductance (mH) Min 1KHz | Leakage Inductance (uH) Max 100KHz | DCR (Ω) Max @20℃ | Rated current (A) 50/60Hz |
|-------------------|--------------------------|------------------------------------|------------------|---------------------------|
| UT1609-471Y-1.1A  | 0.47                     | 50                                 | 0.15             | 1.1                       |
| UT1609-681Y-0.85A | 0.68                     | 50                                 | 0.25             | 0.85                      |
| UT1609-102Y-0.65A | 1.0                      | 150                                | 0.35             | 0.65                      |
| UT1609-222Y-0.45A | 2.2                      | 150                                | 0.7              | 0.45                      |
| UT1609-392Y-0.36A | 3.9                      | 200                                | 1.2              | 0.36                      |
| UT1609-472Y-0.34A | 4.7                      | 300                                | 1.6              | 0.34                      |
| UT1609-682Y-0.25A | 6.8                      | 400                                | 2.5              | 0.25                      |
| UT1609-103Y-0.2A  | 10.0                     | 550                                | 4.0              | 0.2                       |

### PHYSICAL CHARACTERISTICS:



### TECHNICAL INFORMATION:

1. Rated current: The AC current at which the temperature rise is  $\Delta T=45^{\circ}\text{C}$ ( $T_a=20^{\circ}\text{C}$ )
2. Please give sufficient consideration to the thick wire used when producing the P.C.B.(mounting holes  $\phi 1.0\text{mm}$ )
3. Storage temperature range:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$ .
4. Operating temperature range:  $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$  (Including coil's self temperature rise)
5. Max operating voltage:250V
6. Marking: Part number and date code
7. Resistance to soldering heat  $260^{\circ}\text{C}$  for 10 seconds
8. All specifications subject to change without notice.