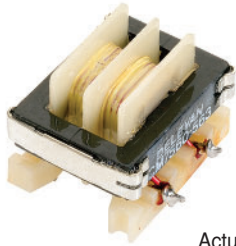
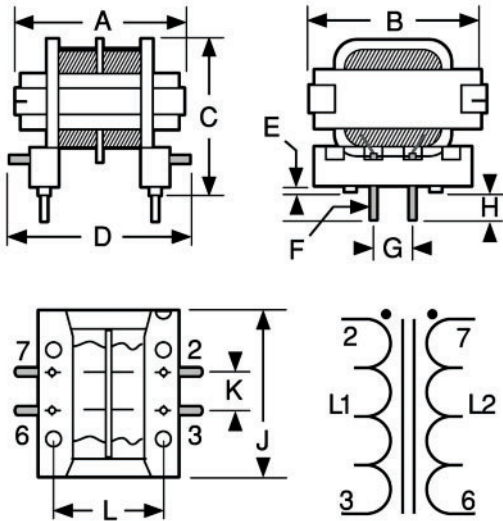


**SERIES****CM9900R  
CM9900****PC Mount Common Mode Chokes**

Actual Size

**Physical Parameters**

|   | Inches | Millimeters |
|---|--------|-------------|
| A | 0.740  | 18.8        |
| B | 0.840  | 21.3        |
| C | 0.670  | 17.0        |
| D | 0.900  | 22.9        |
| E | 0.040  | 1.0         |
| F | 0.025  | 0.64        |
| G | 0.200  | 5.1         |
| H | 0.175  | 4.4         |
| J | 0.750  | 19.1        |
| K | 0.200  | 5.1         |
| L | 0.515  | 13.1        |

All dimensions are typical

**Operating Temperature Range** -55°C to +125°C**Current Rating at 80°C Ambient** 40°C rise**Mechanical Configuration** Tape wrapped winding sections; varnish impregnated assembly.**Notes** 1) Inductance in table is for either L1 or L2.

2) Leakage Inductance tested at L1 with L2 shorted or at L2 with L1 shorted.

3) Windings balanced within 1%.

**Packaging** Bulk only

DASH NUMBER\*

L (μH) L1 or L2  
@ 1 kHz ±25%DC RESISTANCE  
MAXIMUM (OHMS)CURRENT RATING  
MAXIMUM (AMPS)LEAKAGE INDUCTANCE  
TYPICAL (μH)**SERIES CM9900 FERRITE CORE**

|      |        |       |      |      |
|------|--------|-------|------|------|
| -473 | 47     | 0.016 | 3.5  | 4.0  |
| -563 | 56     | 0.018 | 3.5  | 4.0  |
| -683 | 68     | 0.019 | 3.5  | 5.0  |
| -823 | 82     | 0.023 | 2.8  | 5.5  |
| -104 | 100    | 0.025 | 2.8  | 6.0  |
| -124 | 120    | 0.028 | 2.8  | 6.5  |
| -154 | 150    | 0.030 | 2.8  | 7.5  |
| -184 | 180    | 0.038 | 2.2  | 8.0  |
| -224 | 220    | 0.044 | 2.2  | 9.0  |
| -274 | 270    | 0.051 | 2.2  | 10   |
| -334 | 330    | 0.058 | 1.7  | 11   |
| -474 | 470    | 0.078 | 1.4  | 16   |
| -564 | 560    | 0.091 | 1.4  | 18   |
| -684 | 680    | 0.115 | 1.1  | 20   |
| -824 | 820    | 0.131 | 1.1  | 25   |
| -105 | 1000   | 0.194 | 0.88 | 35   |
| -125 | 1200   | 0.219 | 0.88 | 47   |
| -155 | 1500   | 0.278 | 0.70 | 49   |
| -185 | 1800   | 0.306 | 0.70 | 59   |
| -225 | 2200   | 0.431 | 0.55 | 76   |
| -275 | 2700   | 0.469 | 0.55 | 91   |
| -335 | 3300   | 0.531 | 0.55 | 101  |
| -395 | 3900   | 0.669 | 0.44 | 135  |
| -475 | 4700   | 0.760 | 0.44 | 158  |
| -565 | 5600   | 0.853 | 0.44 | 196  |
| -685 | 6800   | 1.24  | 0.35 | 257  |
| -825 | 8200   | 1.40  | 0.35 | 296  |
| -106 | 10000  | 1.61  | 0.35 | 362  |
| -126 | 12000  | 1.98  | 0.27 | 410  |
| -156 | 15000  | 2.24  | 0.27 | 503  |
| -186 | 18000  | 2.45  | 0.27 | 602  |
| -226 | 22000  | 3.49  | 0.22 | 730  |
| -276 | 27000  | 4.60  | 0.17 | 870  |
| -336 | 33000  | 5.21  | 0.17 | 1150 |
| -396 | 39000  | 7.19  | 0.13 | 1300 |
| -476 | 47000  | 7.80  | 0.13 | 1541 |
| -566 | 56000  | 8.69  | 0.13 | 1875 |
| -686 | 68000  | 9.69  | 0.13 | 2254 |
| -826 | 82000  | 13.10 | 0.10 | 2702 |
| -107 | 100000 | 14.60 | 0.10 | 3269 |
| -127 | 120000 | 16.00 | 0.10 | 3456 |

\*Complete part # must include series # PLUS the dash #