

## CHIP COMMON MODE CHOKE COIL 片式共模扼流器

CMM 系列

## FEATURES

- Excellent solderability and heat resistance.
- Winding type realizes small size and low profile.
- Prevention of common mode noise at high frequency.

## APPLICATIONS

- Suitable for noise suppression in common mode circle such as USB line of PC, peripheral equipments, small digital AV equipment, etc.

## ORDERING CODE

CMM 2012 - 670 T

Packing style(T:taping; B: bulk)

Impedance value( $\Omega$ )

Specification

Type

## 特 征

- 良好的焊接性能和耐温特性;
- 绕线结构, 小尺寸;
- 对高频共模噪音有良好的抑制作用;

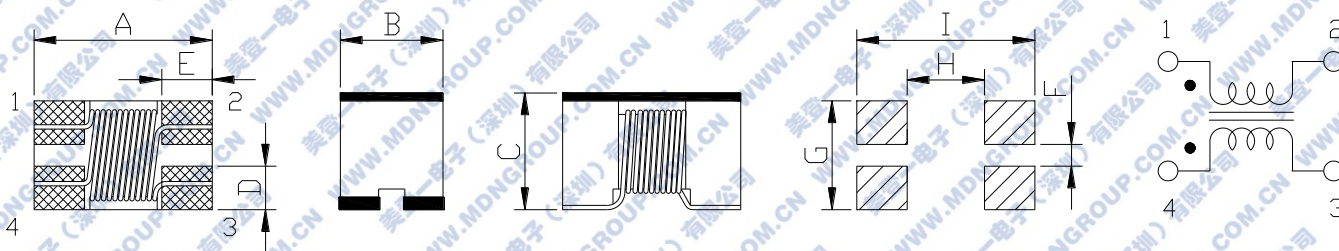
## 用 途

- 适用于电脑及其外设、数字 AV 等其他设备 USB 接口, 笔记本电脑、LCD 的 LVDS 线等共模噪音控制。

## SHAPE



## DIMENSIONS AND LAND PATTERNS(mm)



| P/N      | A             | B             | C             | D ref | E ref | F ref | G ref | H ref | I ref |
|----------|---------------|---------------|---------------|-------|-------|-------|-------|-------|-------|
| CMM1210- | $1.2 \pm 0.1$ | $1.0 \pm 0.1$ | $1.0 \pm 0.1$ | 0.36  | 0.33  | 0.3   | 1.0   | 0.5   | 1.55  |
| CMM1608- | $1.6 \pm 0.1$ | $0.8 \pm 0.1$ | $1.1 \pm 0.1$ | 0.25  | 0.33  | 0.25  | 0.85  | 0.73  | 1.89  |
| CMM2012- | $2.0 \pm 0.2$ | $1.2 \pm 0.2$ | $1.2 \pm 0.2$ | 0.45  | 0.50  | 0.40  | 1.20  | 0.80  | 2.60  |
| CMM3216- | $3.2 \pm 0.2$ | $1.6 \pm 0.2$ | $1.8 \pm 0.2$ | 0.60  | 0.70  | 0.40  | 1.60  | 1.60  | 3.70  |
| CMM4532- | $4.5 \pm 0.2$ | $3.2 \pm 0.2$ | $2.5 \pm 0.2$ | 0.80  | 0.70  | 1.6   | 3.4   | 2.9   | 5.5   |



**CHIP COMMON MODE CHOKE COIL 片式共模扼流器****CMM 系列****CMM1210-SERIES**

| PART NO.     | Z<br>± 25%<br>Ω | DCR<br>Max<br>Ω | Idc<br>Max<br>mA | Rated Vol<br>V<br>Max | Insulation R<br>Min<br>M Ω |
|--------------|-----------------|-----------------|------------------|-----------------------|----------------------------|
| CMM1210-350T | 35              | 0.18            | 430              | 20                    | 10                         |
| CMM1210-600T | 60              | 0.30            | 400              | 20                    | 10                         |
| CMM1210-900T | 90              | 0.30            | 400              | 20                    | 10                         |
| CMM1210-161T | 160             | 0.60            | 260              | 20                    | 10                         |
| CMM1210-361T | 360             | 0.65            | 250              | 20                    | 10                         |

**CMM1608-SERIES**

| PART NO.     | Z<br>± 25%<br>Ω | DCR<br>Max<br>Ω | Idc<br>Max<br>mA | Rated Vol<br>V<br>Max | Insulation R<br>Min<br>M Ω |
|--------------|-----------------|-----------------|------------------|-----------------------|----------------------------|
| CMM1608-250T | 25              | 0.10            | 500              | 20                    | 10                         |
| CMM1608-600T | 60              | 0.20            | 350              | 20                    | 10                         |
| CMM1608-900T | 90              | 0.25            | 300              | 20                    | 10                         |
| CMM1608-141T | 140             | 0.25            | 300              | 20                    | 10                         |
| CMM1608-221T | 220             | 0.25            | 300              | 20                    | 10                         |

**CMM2012-SERIES**

| PART NO.     | Z<br>± 25%<br>Ω | DCR<br>Max<br>Ω | Idc<br>Max<br>mA | Rated Vol<br>V<br>Max | Insulation R<br>Min<br>M Ω |
|--------------|-----------------|-----------------|------------------|-----------------------|----------------------------|
| CMM2012-300T | 30              | 0.20            | 450              | 50                    | 10                         |
| CMM2012-670T | 67              | 0.25            | 400              | 50                    | 10                         |
| CMM2012-900T | 90              | 0.35            | 330              | 50                    | 10                         |
| CMM2012-121T | 120             | 0.35            | 370              | 50                    | 10                         |
| CMM2012-181T | 180             | 0.35            | 330              | 50                    | 10                         |
| CMM2012-201T | 200             | 0.40            | 300              | 50                    | 10                         |
| CMM2012-221T | 220             | 0.40            | 300              | 50                    | 10                         |



**CHIP COMMON MODE CHOKE COIL 片式共模扼流器****CMM 系列****CMM2012-SERIES**

| PART NO.     | Z<br>±25%<br>Ω | DCR<br>Max<br>Ω | Idc<br>Max<br>mA | Rated Vol<br>V<br>Max | Insulation R<br>Min<br>M Ω |
|--------------|----------------|-----------------|------------------|-----------------------|----------------------------|
| CMM2012-261T | 260            | 0.470           | 300              | 50                    | 10                         |
| CMM2012-361T | 360            | 0.45            | 280              | 50                    | 10                         |
| CMM2012-371T | 370            | 0.45            | 280              | 50                    | 10                         |
| CMM2012-601T | 600            | 0.55            | 200              | 50                    | 10                         |
| CMM2012-751T | 750            | 0.70            | 180              | 50                    | 10                         |
| CMM2012-901T | 900            | 0.80            | 150              | 50                    | 10                         |
| CMM2012-102T | 1000           | 0.80            | 150              | 50                    | 10                         |

**CMM3216-SERIES**

| PART NO.     | Z<br>±25%<br>Ω | DCR<br>Max<br>Ω | Idc<br>Max<br>mA | Rated Vol<br>V<br>Max | Insulation R<br>Min<br>M Ω |
|--------------|----------------|-----------------|------------------|-----------------------|----------------------------|
| CMM3216-900T | 90             | 0.30            | 370              | 50                    | 20                         |
| CMM3216-161T | 160            | 0.40            | 340              | 50                    | 10                         |
| CMM3216-261T | 260            | 0.50            | 310              | 50                    | 10                         |
| CMM3216-601T | 600            | 0.80            | 260              | 50                    | 10                         |
| CMM3216-102T | 1000           | 1.00            | 230              | 50                    | 10                         |
| CMM3216-222T | 2200           | 1.20            | 200              | 50                    | 10                         |

**CMM4532-SERIES**

| PART NO.     | Z<br>±25%<br>Ω | DCR<br>Max<br>Ω | Idc<br>Max<br>mA | Rated Vol<br>V<br>Max | Insulation R<br>Min<br>M Ω |
|--------------|----------------|-----------------|------------------|-----------------------|----------------------------|
| CMM4532-331T | 330            | 0.11            | 1100             | 50                    | 10                         |
| CMM4532-601T | 600            | 0.12            | 1000             | 50                    | 10                         |
| CMM4532-801T | 800            | 0.16            | 900              | 50                    | 10                         |
| CMM4532-102T | 1000           | 0.18            | 800              | 50                    | 10                         |
| CMM4532-142T | 1400           | 0.20            | 700              | 50                    | 10                         |