

SHENZHEN HIGHSTARTECH ELECTRONICS CO., LTD

Common Mode Choke

1. FEATURES:

- (1) Line filters suppressing conductive noise ranging from low to high frequencies generated at supply circuits of various electronic equipment.
- (2) High safety and reliability .
- (4) SMD mounted .

2. APPLICATIONS:

- (1) Minimizes noise emissions for conforming to FCC, VCCI, FTZ, CISPR, JTTC and VDE.
- (2) Applied equipment: TV, VCR, Switching Power sources, NC machines, computer systems. Peripheral units and measuring instruments.

3. PART NUMBER SYSTEM:

HSCM7060TL - 400

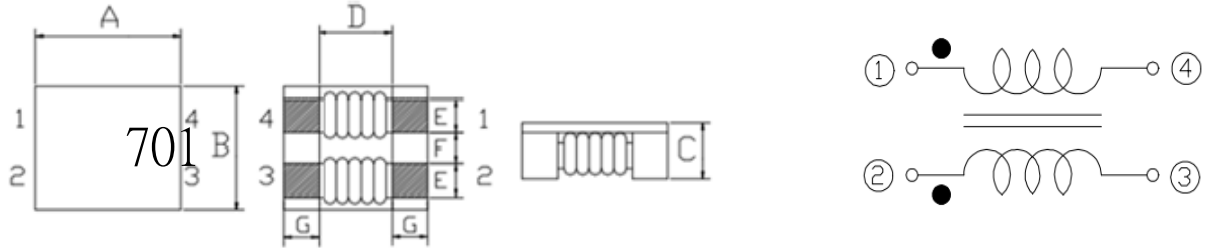
(1) (2) (3) (4)

- (1) Type, SMD Common Mode.
- (2) Size, e.g. 7060 is for 7mm*6mm.
- (3) TL if for reel tape package ar
- (4) Impedance value

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4. PHYSICAL CHARACTERISTICS:



| Part Number | A | B | C | D | E | F | G |
|-------------|----------|------------|--------|--------|--------|--------|--------|
| HSCM7060TL | 7+/-0.5 | 6+/-0.5 | 4.0MAX | 3.5REF | 1.5REF | 1.5REF | 1.5REF |
| HSCM9070TL | 9+/-0.5 | 7+/-0.5 | 5.0MAX | 5.7REF | 1.5REF | 2.0REF | 1.7REF |
| HSCM1211TL | 12+/-0.5 | 10.8+/-0.5 | 6.6MAX | 7.0REF | 2.7REF | 2.5REF | 2.5REF |

5. ELECTRICAL CHARACTERISTICS:

HSCM7060TL SERIES

| Part Number | Impedance(ohm) | D(mohm) MAX | Rated Current(A) | Marking |
|----------------|------------------|----------------|------------------|---------|
| HSCM7060TL-400 | 40MIN(70TYP) | 5 | 15 | 400 |
| HSCM7060TL-101 | 100MIN(140TYP) | 10 | 9 | 101 |
| HSCM7060TL-301 | 225MIN(300TYP) | 10 | 5 | 301 |
| HSCM7060TL-501 | 275MIN(350TYP) | 10 | 5 | 501 |
| HSCM7060TL-701 | 500MIN(700TYP) | 15 | 4 | 701 |
| HSCM7060TL-102 | 800MIN(1020TYP) | 17 | 3 | 102 |
| HSCM7060TL-132 | 910MIN(1300TYP) | 21 | 2.5 | 132 |
| HSCM7060TL-272 | 2000MIN(2700TYP) | 63 | 1 | 272 |
| HSCM7060TL-302 | 2500MIN(3000TYP) | 75 | 0.9 | 302 |

1. Testing frequency: 100MHz

2. Rated current: $\Delta T=40^{\circ}\text{C}$ Typ

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HSCM9070TL SERIES

| Part Number | Impedance(ohm) | D(mohm) MAX | Rated Current(A) | Marking |
|----------------|------------------|----------------|------------------|---------|
| HSCM9070TL-301 | 225MIN(300TYP) | 6 | 6.0 | 301 |
| HSCM9070TL-501 | 450MIN(600TYP) | 8 | 5.5 | 501 |
| HSCM9070TL-701 | 500MIN(700TYP) | 10 | 5.0 | 701 |
| HSCM9070TL-102 | 750MIN(1000TYP) | 13 | 4.0 | 102 |
| HSCM9070TL-222 | 1700MIN(2200TYP) | 60 | 2.5 | 222 |
| HSCM9070TL-272 | 2000MIN(2700TYP) | 65 | 2.5 | 272 |
| HSCM9070TL-302 | 2500MIN(3000TYP) | 70 | 1.9 | 302 |

1. Testing frequency: 100MHz

2. Rated current: $\Delta T=40^{\circ}\text{C}$ Typ

HSCM1211TL SERIES

| Part Number | Impedance(ohm) | D(mohm) MAX | Rated Current(A) | Marking |
|----------------|------------------|----------------|------------------|---------|
| HSCM1211TL-800 | 80MIN(230TYP) | 4 | 10.0 | 800 |
| HSCM1211TL-701 | 500MIN(700TYP) | 6 | 8.0 | 701 |
| HSCM1211TL-102 | 750MIN(1000TYP) | 14 | 6.0 | 102 |
| HSCM1211TL-222 | 2200MIN(2500TYP) | 35 | 1.8 | 222 |
| HSCM1211TL-272 | 2300MIN(2700TYP) | 50 | 1.5 | 272 |

1. Testing frequency: 100MHz

2. Rated current: $\Delta T=40^{\circ}\text{C}$ Typ