

SHENZHEN HIGHSTARTECH ELECTRONICS CO., LTD

Common Mode Choke

1. FEATURES:

- (1) Miniature SMD type common mode choke for fully automated assembly.
- (2) Wide impedance range (30 ohm to 2200 ohm) for noise suppression .
- (3) Excellent solderability.
- (4) Operation temperature from -45 degree to +85 degree.

2. APPLICATIONS:

- (1) USB line for personal computers and peripheral.
- (2) IEEE 1394 line for personal computers, DVC.
- (3) LVDS, panel line for liquid display panels, graph card and etc.

3. PART NUMBER SYSTEM:

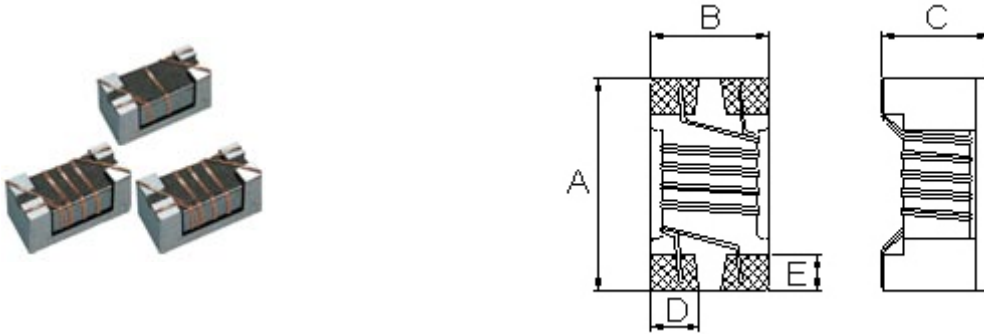
HSCM2012 - 300 - M - R
(1) (2) (3) (4)

- (1) Type, 2012 SMD CMC.
- (2) Impednce value, e.g. 300 is 30 ohm.
- (3) Tolerance, e.g. M is 20%.
- (4) R is reel tape package.

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4. PHYSICAL CHARACTERISTICS:



Part number	Dimension(mm)				
	A	B	C	D	E
HSCM2012	2.05+/-0.2	1.25+/-0.2	1.2+/-0.2	0.4	0.45
HSCM3216	3.2+/-0.2	1.6+/-0.2	1.9+/-0.2	0.6	0.6

Part Number	IDC (mA) (MAX)	RDC (ohm) (MAX)	Impedance Common Mode(ohm)	Rated voltage(V)	Insulation Resistance (Mohm MIN)
HSCM2012-300M-R	450	0.20	30+/-20% at 100MHz	50	10
HSCM2012-670M-R	400	0.25	67+/-20% at 100MHz	50	10
HSCM2012-900M-R	330	0.35	90+/-20% at 100MHz	50	10
HSCM2012-121M-R	370	0.30	120+/-20% at 100MHz	50	10
HSCM2012-161M-R	300	0.40	160+/-20% at 100MHz	50	10
HSCM2012-181M-R	330	0.35	180+/-20% at 100MHz	50	10
HSCM2012-201M-R	330	0.35	200+/-20% at 100MHz	50	10
HSCM2012-221M-R	310	0.35	221+/-20% at 100MHz	50	10
HSCM2012-261M-R	300	0.35	260+/-20% at 100MHz	50	10
HSCM2012-301M-R	290	0.40	300+/-20% at 100MHz	50	10
HSCM2012-361M-R	280	0.45	360+/-20% at 100MHz	50	10

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HSCM2012-371M-R	280	0.45	370+/-20% at 100MHz	50	10
HSCM2012-501M-R	170	0.55	500+/-20% at 100MHz	50	10
HSCM2012-671M-R	140	0.60	670+/-20% at 100MHz	50	10
HSCM2012-901M-R	80	0.60	900+/-20% at 100MHz	50	10
HSCM3216-900M-R	370	0.30	90+/-20% at 100MHz	50	10
HSCM3216-161M-R	340	0.40	160+/-20% at 100MHz	50	10
HSCM3216-221M-R	320	0.40	220+/-20% at 100MHz	50	10
HSCM3216-261M-R	310	0.50	260+/-20% at 100MHz	50	10
HSCM3216-601M-R	260	0.80	600+/-20% at 100MHz	50	10
HSCM3216-102M-R	230	1.00	1000+/-20% at 100MHz	50	10
HSCM3216-222M-R	200	1.20	2200+/-20% at 100MHz	50	10