



恒忻企業股份有限公司(EASY MAGNET CORP.)

SPECIFICATION FOR APPROVAL

CUSTOMER	:	
PART NO.	:	
REV. NO.	:	
DESCRIPTION	:	Common Mode Choke Coil
EMC NO.	:	NS SERIES
REV. NO.	:	1.0
DOCUMENT NO.	:	
ISSUE DATE	:	2007.01.25

CUSTOMER SIGNATURE		
APPROVED	CHECKED	INSPECTED

CHINA (DONG GUAN) FACTORY:

No.8 INDUSTRIAL NORTH WAY,178
 INDUSTRIAL AREA,ZUFOLING ADMINISTRIVE,
 TANGXIA,DONG GUAN,KWANG TUNG
 TEL:86-769-7915567~9
 FAX:86-769-7915566

TAIWAN OFFICE:

12F-7,No.79,SEC.1,HSIN TAI WU RD.
 HSI-CHIN,TAIPEI HSIEN,TAIWAN
 TEL:886-2-2698-9699
 FAX:886-2-2698-9399
<http://www.easymagnet.com.tw>

CHINA (SU ZHOU) FACTORY:

No.2088 PANGJING ROAD,ECONOMIC
 DEVELOPMENT ZONE,WUJIANG CITY,
 JIANGSU
 TEL:86-512-63430335
 FAX:86-512-63430368

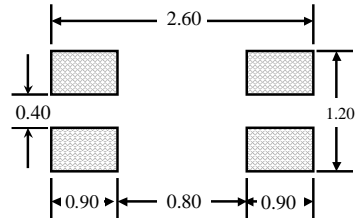
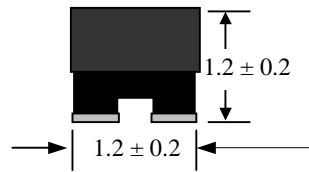
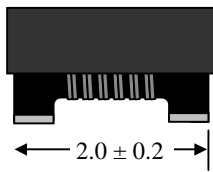
APPROVED	CHECKED	PREPARED
FRANK	LINDA	彭繼湘

SAMPLE MADE IN CHINA

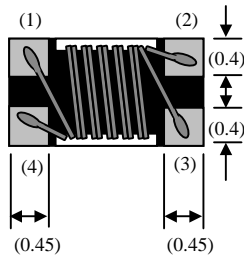
Samples meet RoHS and
 Lead-free requirement

**COMMON MODE CHOKE
WIRE WOUND TYPE**

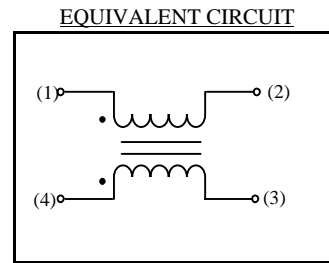
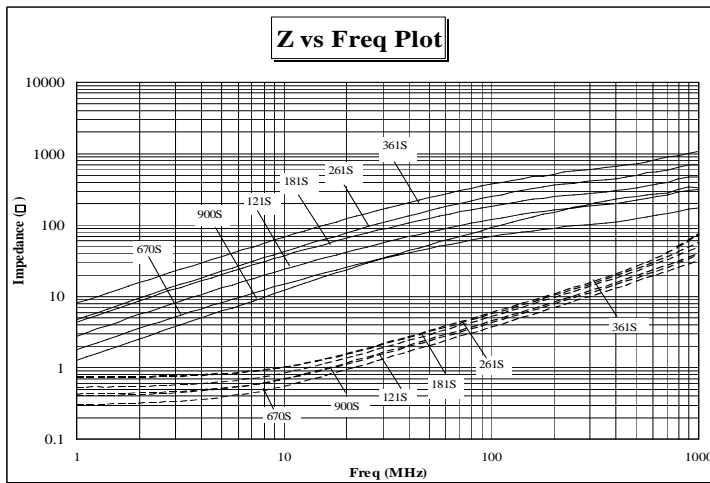
NS0805 SERIES WITH SHIELD



RECOMMENDED PCB PATTERN



Remark : : Electrode
() : Reference Value
Unit: m/m



No Polarity

Specification

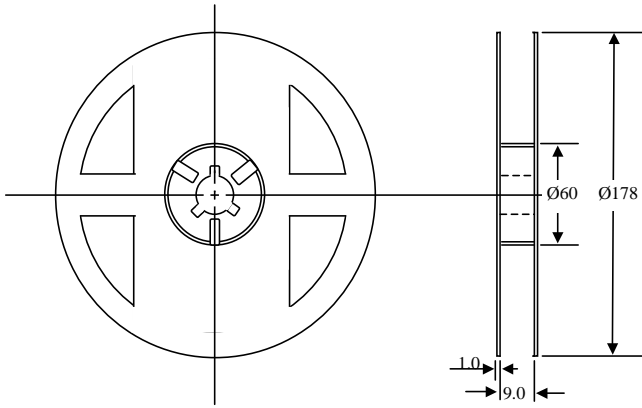
Part Number	Common Mode ¹ Impedance (Ω) at 100MHz	Rated Voltage V (DC)	Withstanding Voltage V (DC)	Rated ² Current max (MA)	DC Resistance max (Ω)	Insulation Resistance min (MΩ)
NS0805-670S	67	50	125	400	0.25	10
NS0805-900S	90	50	125	330	0.35	10
NS0805-121S	120	50	125	370	0.30	10
NS0805-181S	180	50	125	330	0.35	10
NS0805-261S	260	50	125	300	0.40	10
NS0805-361S	360	50	125	280	0.45	10

1. Impedance is measured in HP4287A at frequency of 100MHz.
2. For 15 °C rise.

Packaging Information

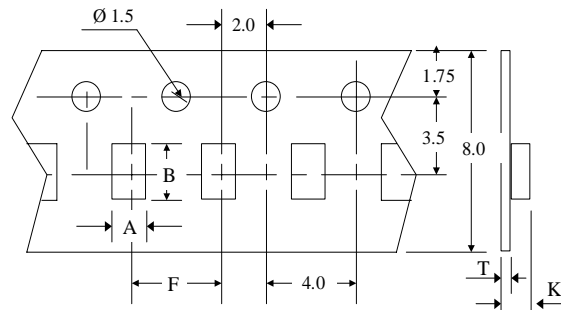
Packing Quantity

Type	Pcs / Reel
NS0805	2,000

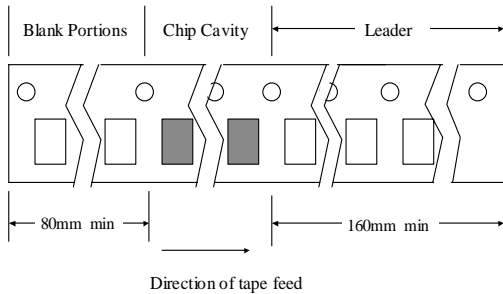


Dimensions (unit: m/m)

Type	Chip Cavity		Insert Pitch	Tape Thickness	
	A	B	F	K	T
Tolerance	± 0.10mm				
NS0805	1.50	2.35	4.00	1.45	0.23

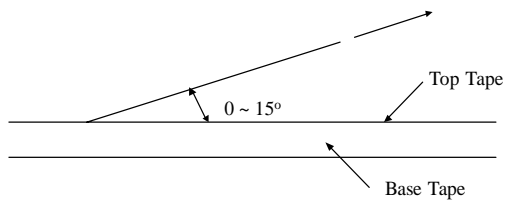


TAPE DIRECTION



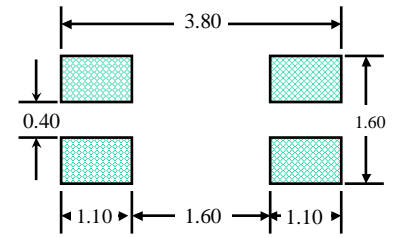
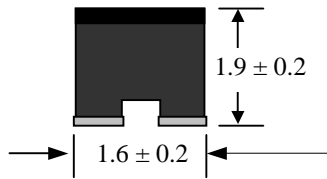
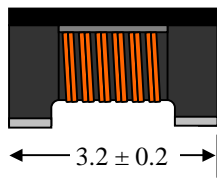
Top Tape Strength

The top tape requires a peel-off force of 0.2 to 0.7N in the direction of the arrow as illustrated below.

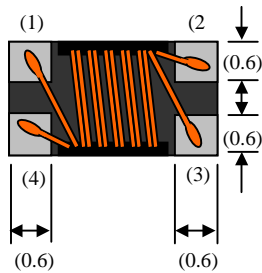



**COMMON MODE CHOKE
WIRE WOUND TYPE**

NS1206 STANDARD SERIES

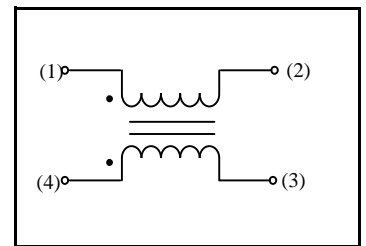


RECOMMENDED PCB PATTERN

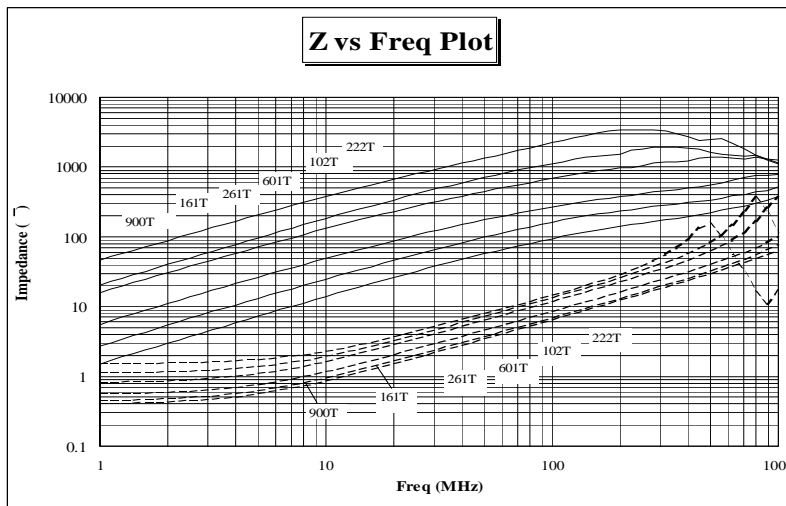


Remark :  : Electrode
() : Reference Value
Unit: m/m

EQUIVALENT CIRCUIT



No Polarity



Specification

Part Number	Common Mode ¹ Impedance (Ω)	Rated Voltage V (DC)	Withstanding Voltage V (DC)	Rated ² Current max (mA)	DC Resistance max (Ω)	Insulation Resistance min (MΩ)
NS1206-900S	90	50	125	370	0.3	10
NS1206-161S	160	50	125	340	0.4	10
NS1206-261S	260	50	125	310	0.5	10
NS1206-601S	600	50	125	260	0.8	10
NS1206-102S	1000	50	125	230	1.0	10
NS1206-222S	2200	50	125	200	1.2	10

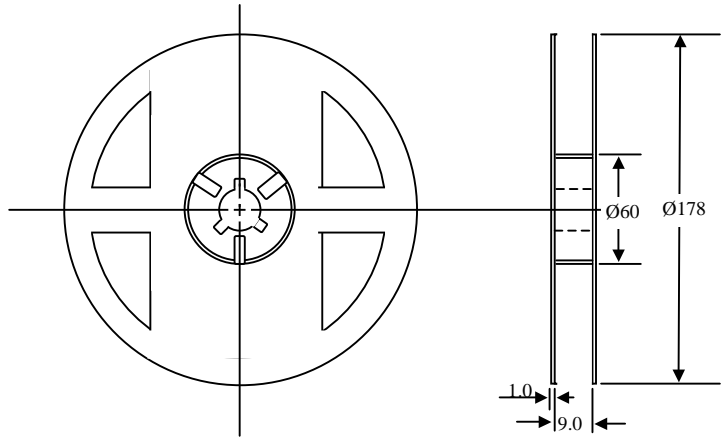
1. Impedance is measured in HP4287A at frequency of 100MHz.

2. For 15 °C rise.

Packaging Information

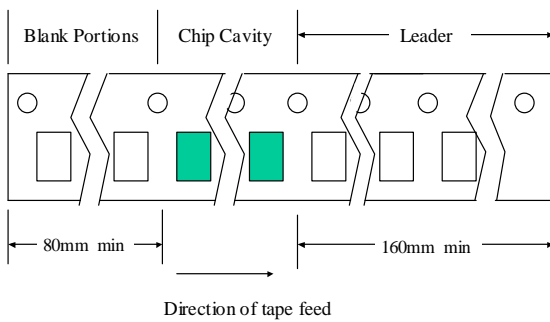
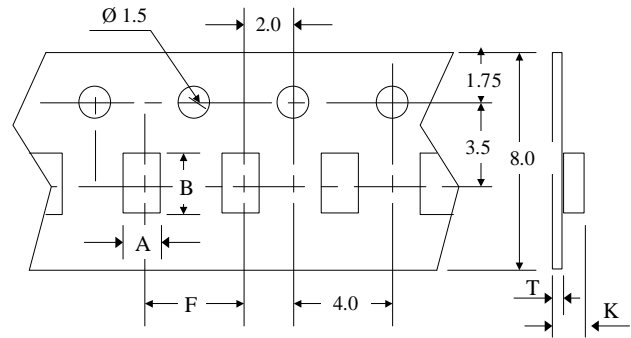
Packing Quantity

Type	Pcs / Reel
NS1206	2,000



Dimensions (unit: m/m)

Type	Chip Cavity		Insert Pitch	Tape Thickness	
	A	B	F	K	T
NS1206	1.90	3.50	4.00	2.10	0.20



Top Tape Strength

The top tape requires a peel-off force of 0.2 to 0.7N in the direction of the arrow as illustrated below.

