

汽车信号线磁环共模—ACSR 系列

Ring Core Common Mode Choke for Automotive Signal Line—ACSR Series



工作温度：-50°C ~+150°C / -40°C ~+125°C

Operating Temp：-50°C ~+150°C / -40°C ~+125°C

特征

FEATURES

- ◆ 磁环结构, 小尺寸
- ◆ 对高频共模噪声有良好的抑制作用
- ◆ 优异的机械性能
- ◆ AEC-Q200 认证
- ◆ The circular type, small size and low profile
- ◆ Suppression of common mode noise at high frequency
- ◆ Excellent mechanical property
- ◆ AEC-Q200 verified

用途

APPLICATIONS

- ◆ 数据和信号线
- ◆ Data and signal line

产品型号

PRODUCT IDENTIFICATION

1	2	3	4	5	6
ACSR	0906	S	510	N	T

1	分类 Type
ACSR	汽车信号线磁环共模 Ring Core Common Mode Choke for Automotive Signal Line

2	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)
0906	9.0×6.0

3	功能类型 Feature Type
S	扇形绕线 Sector Winding
C	并形绕线 Bifilar Winding

4	电感 Inductance(μH)
Example	Nominal Value
250	25
510	51
101	100

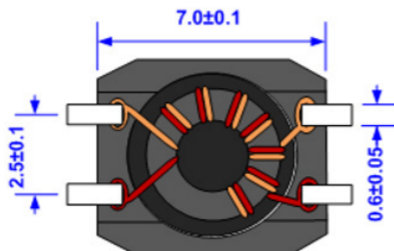
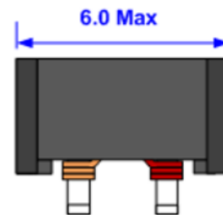
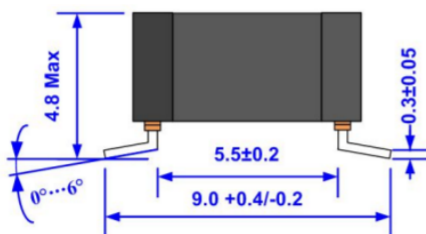
5	公差范围 Tolerance Limits
N	±30%

6	包装 Packing
T	编带 Tape & Reel

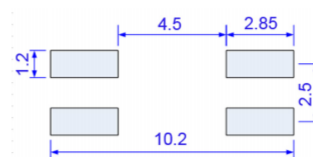
外观尺寸

SHAPE AND DIMENSIONS

单位 Unit: mm



推荐焊盘 Recommended Land Pattern



规格特性

SPECIFICATIONS

ACSR0906 TYPE

型号 Part Number	电感量 Inductance (μ H)	杂散电感 Stray Inductance (nH) Typ	直流电阻 DCR (Ω) Typ.	额定电流 Rated Current (mA) Max.	测试电压 V_{test} (VDC/2S)	电感公差 Inductance Tolerance	工作温度 Operation Temperature Range (°C)
ACSR0906C050NT	5 (@100KHz/0.1mA)	40 (@1MHz/5mA)	0.06	1200	250	±30%	-50~+150
ACSR0906S060NT	6 (@100KHz/0.1mA)	250 (@1MHz/5mA)	0.02	2000	250	±30%	-50~+150
ACSR0906C110NT	11 (@100KHz/0.1mA)	50 (@1MHz/5mA)	0.08	800	250	±30%	-50~+150
ACSR0906C250NT	25 (@100KHz/0.1mA)	60 (@100KHz/5mA)	0.11	800	250	±30%	-50~+150
ACSR0906S250NT	25 (@100KHz/0.1mA)	1400 (@100KHz/5mA)	0.11	800	250	±30%	-50~+150
ACSR0906C510NT	51 (@100KHz/0.1mA)	70 (@100KHz/5mA)	0.14	800	250	±30%	-50~+150
ACSR0906S510NT	51 (@100KHz/0.1mA)	2300 (@100KHz/5mA)	0.14	800	250	±30%	-50~+150
ACSR0906C101NT	100 (@100KHz/0.1mA)	100 (@100KHz/5mA)	0.18	500	250	±30%	-50~+150
ACSR0906C471NT	470 (@100KHz/0.1mA)	100 (@100KHz/5mA)	0.17	700	750	-30%/+50%	-40~+125
ACSR0906C102NT	1000 (@100KHz/0.1mA)	70 (@100KHz/5mA)	0.20	700	750	-30%/+50%	-40~+125
ACSR0906C222NT	2200 (@10KHz/0.1mA)	120 (@100KHz/5mA)	0.40	500	750	-30%/+50%	-40~+125
ACSR0906C472NT	4700 (@10KHz/0.1mA)	250 (@100KHz/5mA)	0.55	400	750	-30%/+50%	-40~+125

1. 储存温度范围 (包装条件): -10°C~+40°C 和 RH 70% (Max.)

2. 额定电压: 42VAC (50/60Hz) / 80VDC

※: 可根据客户要求提供具有其他电气特性的产品。请联系当地销售人员

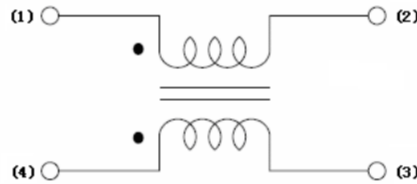
1. Storage temperature range (packaging conditions): -10°C ~+40°C, and RH 70% (Max.)

2. Rated voltage: 42V_{AC} (50/60Hz) / 80V_{DC}

※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

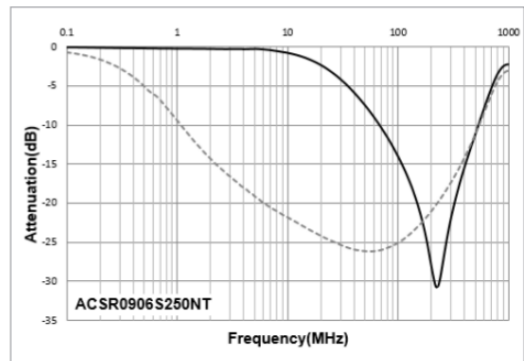
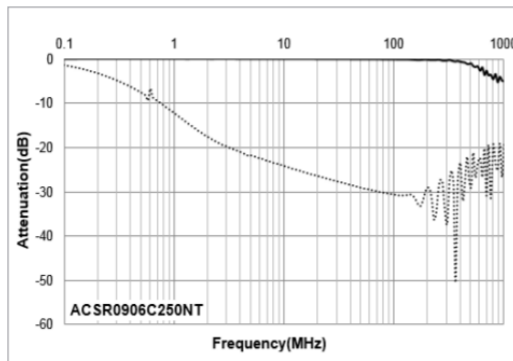
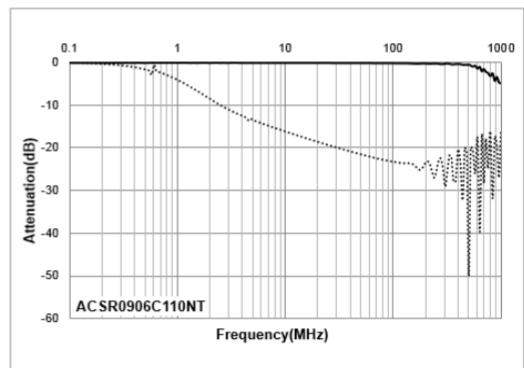
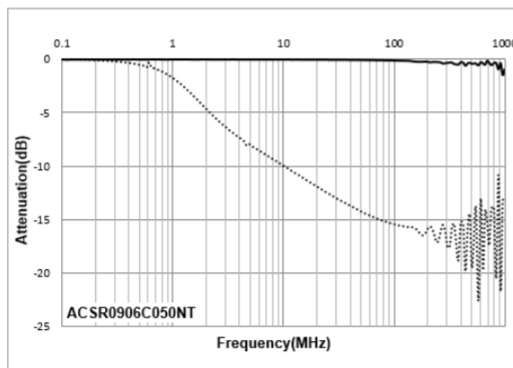
等效电路

EQUIVALENT CIRCUIT



电气特性

TYPICAL ELECTRICAL CHARACTERISTICS



电气特性

TYPICAL ELECTRICAL CHARACTERISTICS

