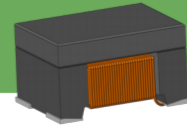


Wire Wound Chip Common Mode Choke –AMCW -G Series



Operating Temp : -40°C ~+125°C

FEATURES

- ◆ Winding type, small size and low profile
- ◆ Suppression of common mode noise at high frequency
- ◆ Excellent solderability
- ◆ AEC-Q200 verified

APPLICATIONS

- ◆ Multimedia System and Ethernet (1000BASE-T1)

PRODUCT IDENTIFICATION

1	2	3	4	5	6	7
AMCW	3225	G	-2	□□□	T	R01

1	Type
AMCW	Wire Wound Chip Common Mode Choke for Automotive

2	External Dimensions (L×W) (mm)
3225	3.2×2.5

3	Code
G	Internal code

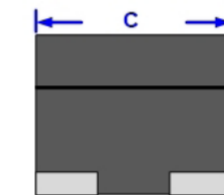
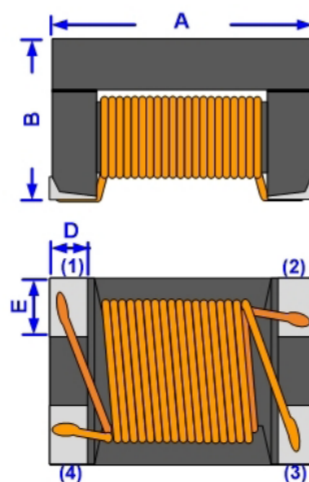
6	Packing
T	Tape & Reel

4	Number of Lines
2	

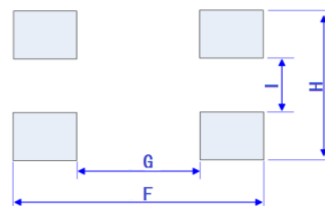
5	Inductance(uH)
Example	Nominal Value
800	80

7	Internal Code
R01	Internal Code

SHAPE AND DIMENSIONS



Recommended Land Pattern



Unit: mm

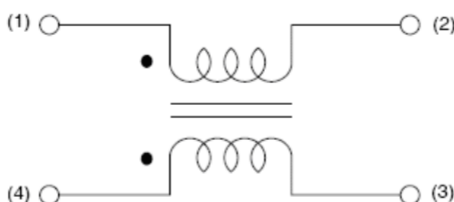
Series	A	B	C	D	E	F	G	H	I
AMCW3225G	3.20±0.20	2.20±0.20	2.50±0.20	0.70	1.05	4.10	2.00	2.50	0.40

SPECIFICATIONS **AMCW3225G-2-800TR01**

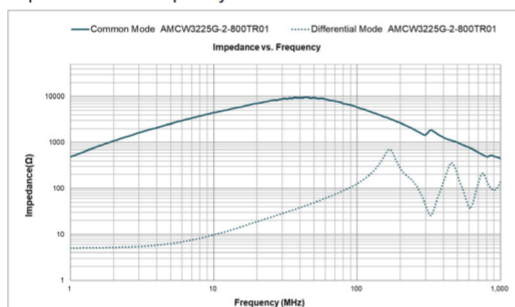
Part Number	Inductance @100KHz/0.1V	DC Resistance	Rated Current	Rated Voltage	Insulation Resistance
		Max	Max.	Max.	Min.
Units	uH	Ω	mA	Volts	M Ω
Symbol	L	DCR	I _r	V _{DC}	IR
AMCW3225G-2-800TR01	80(-25%/+50%)	2.8	100	50	10

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

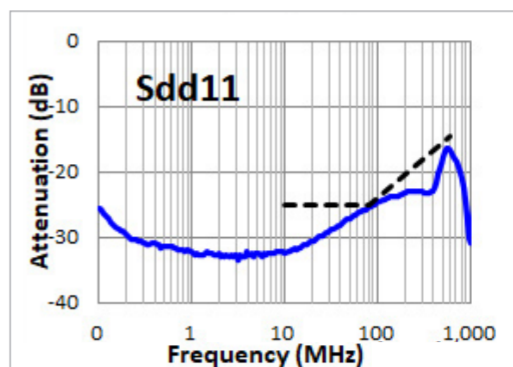
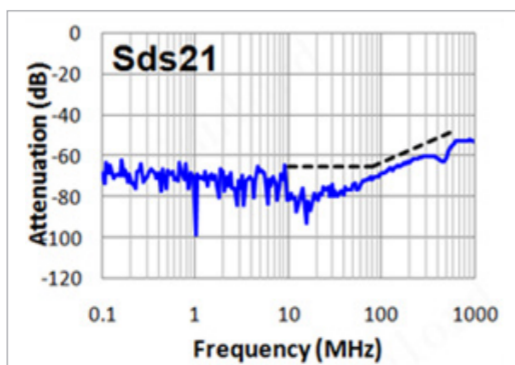
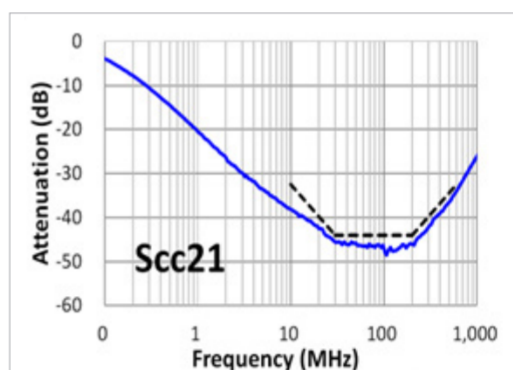
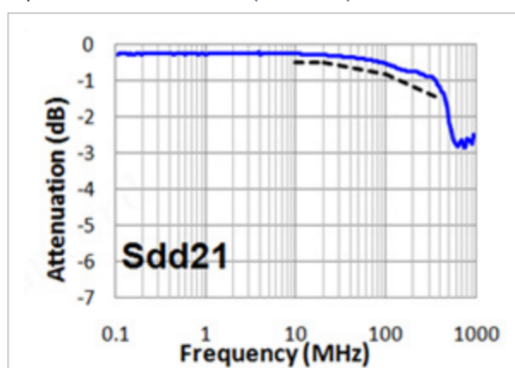
※: Products with other electrical characteristics can be provided upon customer's request. Please contact your local sales.

**EQUIVALENT
CIRCUIT****TYPICAL
ELECTRICAL
CHARACTERISTICS****AMCW3225G-2-800TR01**

Impedance vs. Frequency

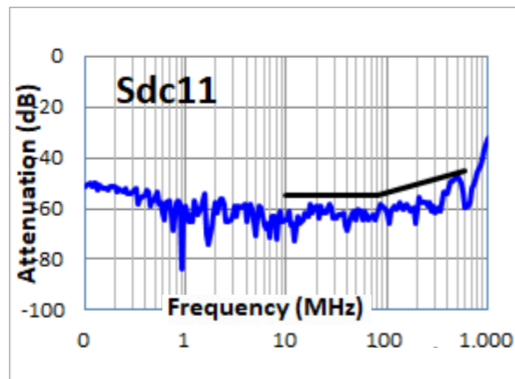
**AMCW3225G-2-800TR01**

S-parameter Characteristics (Reference)



**TYPICAL
ELECTRICAL
CHARACTERISTICS**

AMCW3225G-2-800TR01
S-parameter Characteristics (Reference)



EMC Components

Coils/Inductors

Pulse Transformers

NTC Thermistors

RF Components

Winding Transformers

Current Sense Transformers

LLC Transformers

PFC Inductors

Resonant Inductors