

Wire Wound Chip Common Mode Choke Coil

ACMC-U Series

Operating Temp. : -40°C ~ +125°C

FEATURES:

- ⊙ Winding type realizes small size and low profile..
- ⊙ Prevention of common mode noise at high frequency.
- ⊙ AEC-Q200 verified.

APPLICATIONS:

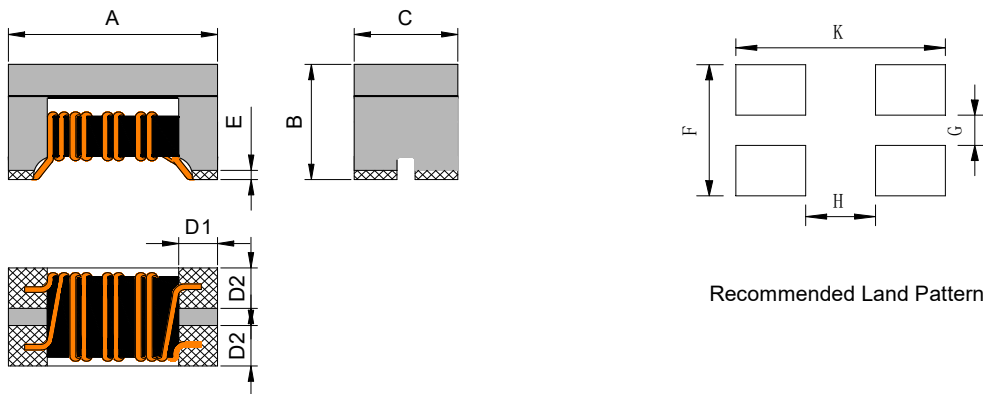
- ⊙ Common mode noise filter for power line.

PART NUMBERING SYSTEM:

ACMC 2012 U - 900 - 2P - T
 ① ② ③ ④ ⑤ ⑥

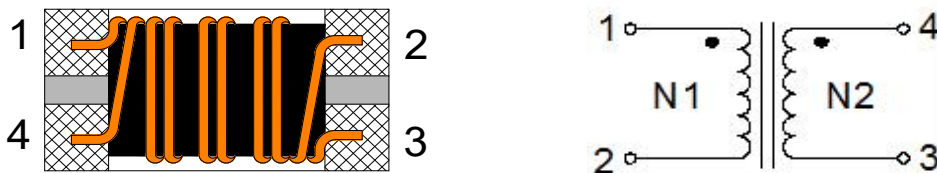
- ①: Automobile Type
- ②: External Dimensions (L*W:2.0*1.2mm)
- ③: Ultra-high speed differential signal line
- ④: Impedance (900 = 90Ω)
- ⑤: Number of line : 2
- ⑥: Packaging : T=Tape and reel

SHAPES AND DIMENSIONS: (Unit:mm)



SERIES	A	B	C	D1	D2	E	F	G	H	K
ACMC2012U	2.0±0.2	1.2±0.2	1.2±0.2	0.5 Ref	0.45Ref	0.17Max	1.2Ref	0.4Ref	0.8 Ref	2.6Ref

SCHEMATIC:



ACMC2012U Series

SPECIFICATION TABLE:

Part No.	Impedance (Ω)	Test Frequency (MHz)/0.1V	DCR (Ω) Max	Max. Rated Current (mA)	Rated Voltage (Vdc)	Insulation Resistance (MΩ) Min.
ACMC2012U-300-2P-T	30±25%	100	0.20	400	50	10
ACMC2012U-600-2P-T	60±25%	100	0.3	400	50	10
ACMC2012U-900-2P-T	90±25%	100	0.3	400	50	10
ACMC2012U-121-2P-T	120±25%	100	0.3	400	50	10

- ⊙ Operating temperature range : -40°C~+125°C(Including self - temperature rise)
- ⊙ Storage temperature range (packaging conditions):-10°C~40°C RH 70% (Max.)

Impedance Vs Frequency Curve

TYPICAL ELECTRICAL CHARACTERISTICS:

