



## I . SCOPE :

This specification applies to the Pb Free high current type SMD Common mode filter  
for DCM-1211-SERIES

### PRODUCT IDENTIFICATION

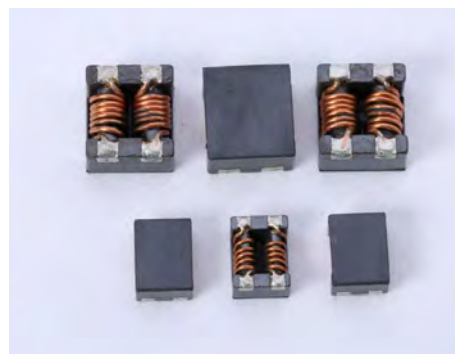
**DCM - 1211 - 701**

①      ②      ③

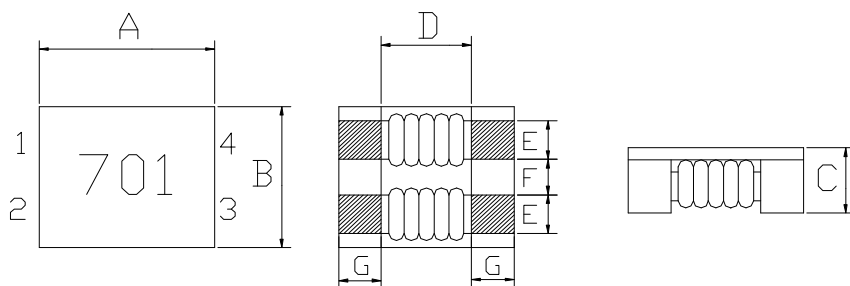
① Product Code

② Dimensions Code

③ Impedance Code



## (1) SHAPES AND DIMENSIONS



A: 12.0±0.5 mm

B: 10.8±0.5 mm

C: 6.4 Max. mm

D: 7.0 Typ. mm

E: 2.7±0.2 mm

F: 2.5±0.2 mm

G: 2.5±0.2 mm

## (2) ELECTRICAL SPECIFICATIONS

SEE TABLE 1

### TEST INSTRUMENTS

Z : HP 4291B IMPEDANCE ANALYZER (or equivalent)

Z : HP 4285 IMPEDANCE ANALYZER (or equivalent) (For MCM-1211F-272)

RDC : CHROMA MODEL 16502 MILLIOHMMETER (or equivalent)

I.R : CHROMA MODEL 19073 AC/DC/IR HIPOT TESTER (or equivalent)

## (3) CHARACTERISTICS

(3)-1 Ambient temperature ..... +60°C Max.

(3)-2 Operate temperature range ..... -40°C ~ +125°C

(Including self temp. rise)

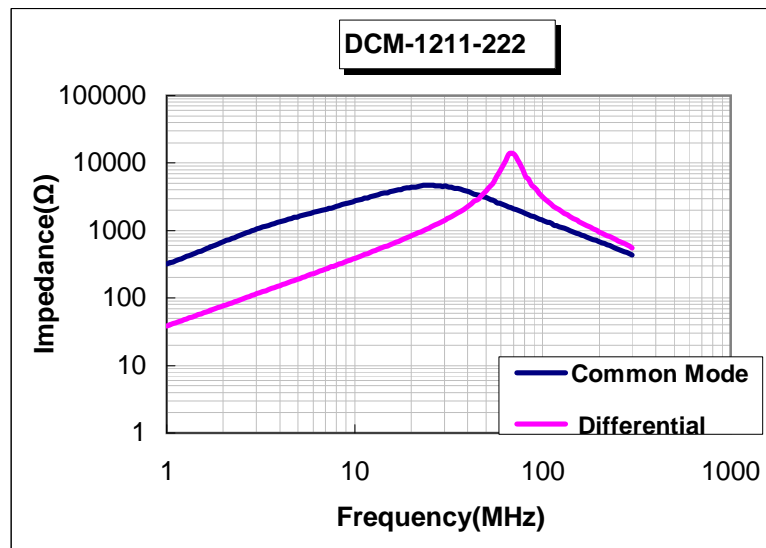
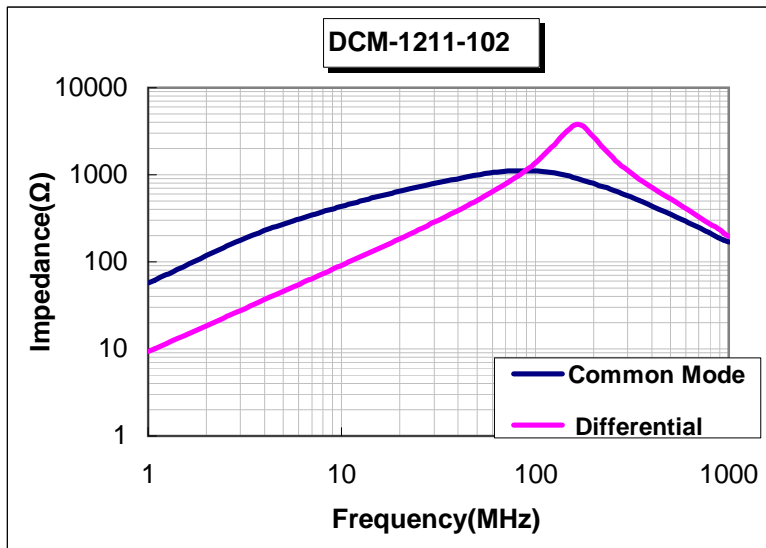
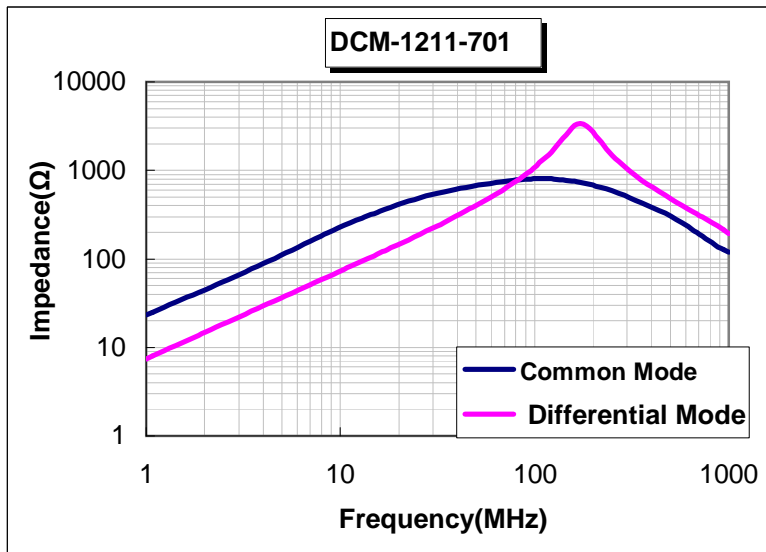
(3)-3 Storage temperature range ..... -40°C ~ +125°C

**TABLE 1**

DD PT/NO.	Impedance( $\Omega$ )		Test Frequency	Resistance RDC( $\Omega$ ) Max.(1 line)	Rated Current (A) Max.	Insulation Resistance ( $M\Omega$ ) Min.	Rated Voltage (V)Max.
	Min.	Typ.					
DCM-1211-800	80	230	100MHz/0.5V	2.0m	10.0	10	125
DCM-1211-701	500	700	100MHz/0.5V	6.0m	8.0	10	125
DCM-1211-102	750	1000	100MHz/0.5V	14 m	6.0	10	125
DCM-1211-222	2200	2500	10MHz/0.5V	35 m	1.8	10	125
DCM-1211-272	2300	2700	10MHz/0.5V	50 m	1.5	10	125

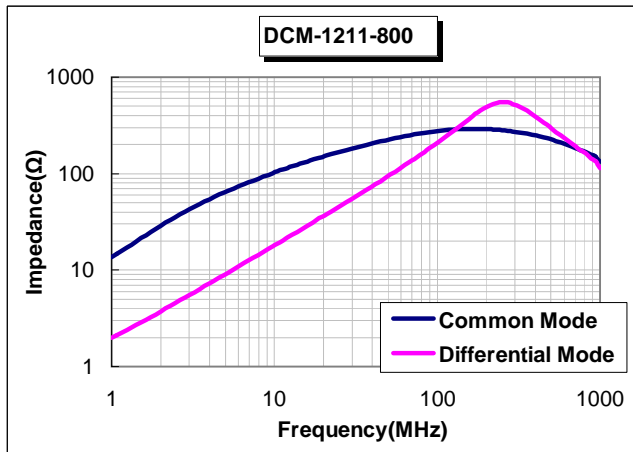


# TYPICAL ELECTRICAL CHARACTERISTICS





## TYPICAL ELECTRICAL CHARACTERISTICS



※0.1MHz~0.9MHz:HP4285,1MHz~100MHz:HP4291B

