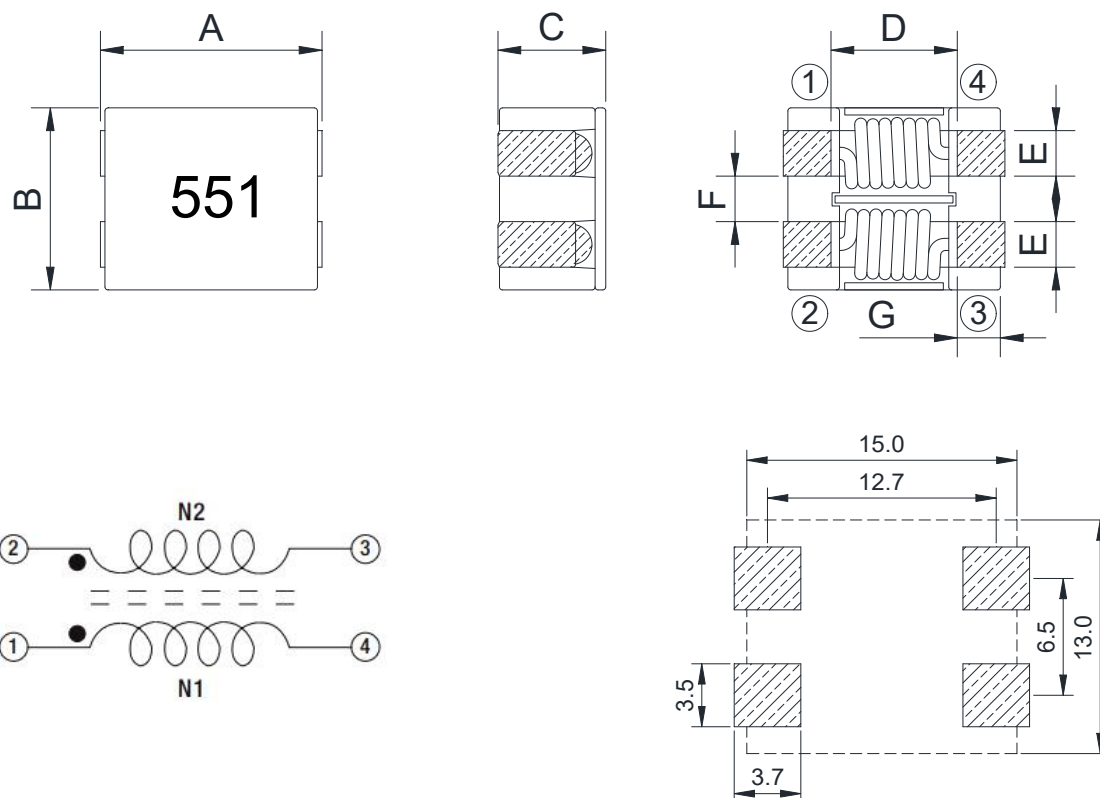


Common Mode Choke

◆ Dimensions(Unit:mm)



Note:Printing white characters or lasermarking

A	B	C	D	E	F	G
15.0±0.50	13.0±0.40	6.20 MAX	10.2 Typ	2.6±0.20	3.9±0.20	2.5±0.20

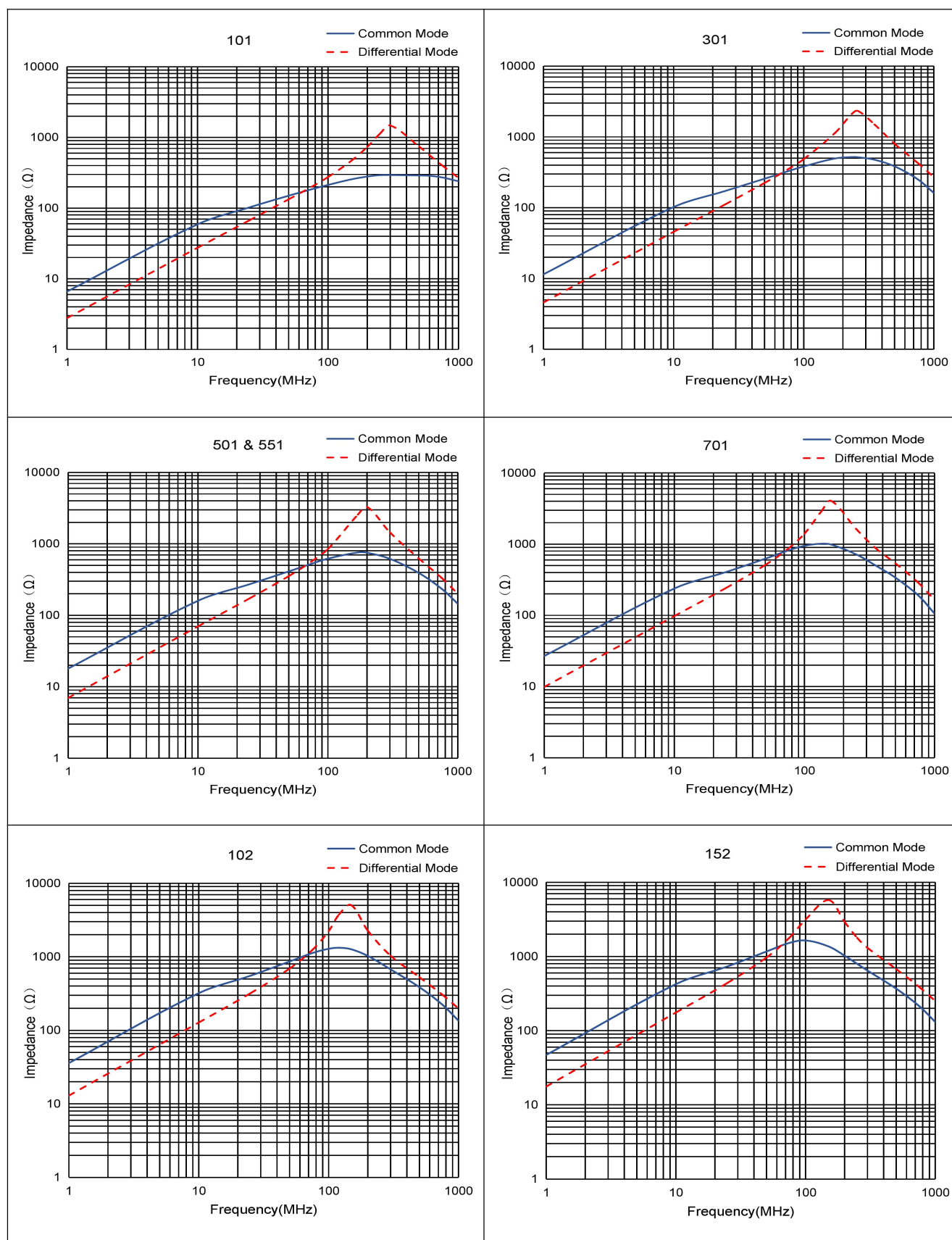
◆ **Electrical Characteristics List:**

Part Number	Inductance (uH) Typ	Impedance		D.C.R (mΩ) Max	Rated Current (A) Max	Rated Voltage (A) Max	Insulation Resistance (mΩ) Min
		MIN Value (Ω)	Typ Value (Ω)				
SMW1513S101ZTT	0.5	60	100	2	20.0	80	10
SMW1513S301XTT	2.2	200	300	3	18.0	80	10
SMW1513S551UTT	3.5	450	550	4	16.0	80	10
SMW1513S701UTT	5.0	500	700	6	15.0	80	10
SMW1513S102UTT	6.8	800	1000	8	12.0	80	10
SMW1513S152UTT	9.0	1300	1500	10	10.0	80	10
SMW1513S222STT	14.0	1700	2200	14	8.0	80	10
SMW1513S302PTT	20.0	2500	3000	18	5.0	80	10

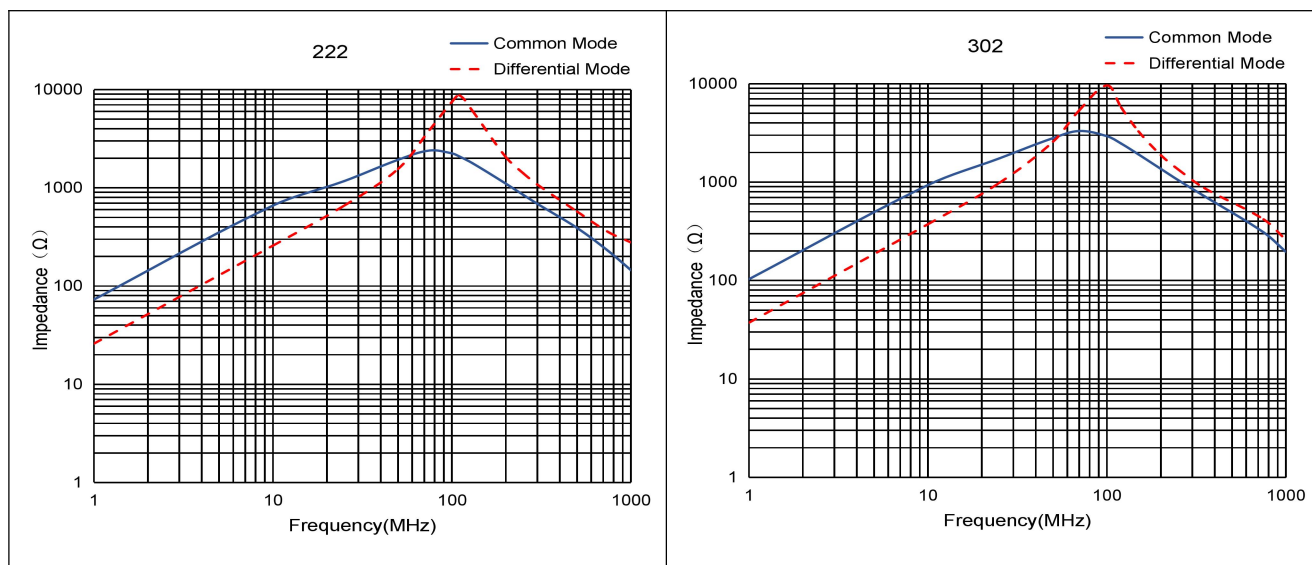
Notes:

1. Inductance test condition: 100KHz/0.1V, All data is tested based on 25°C ambient temperature
2. Impedance measure condition at 100MHz, 0.1V
3. Rated current: the value of DC current when the temperature rise is AT40°C (Ta=25°C)
4. Operating Temperature: -40°C to +125°C (Temperature rise included)
5. Storage condition: Temperature -25 to +40°C, RH≤75%

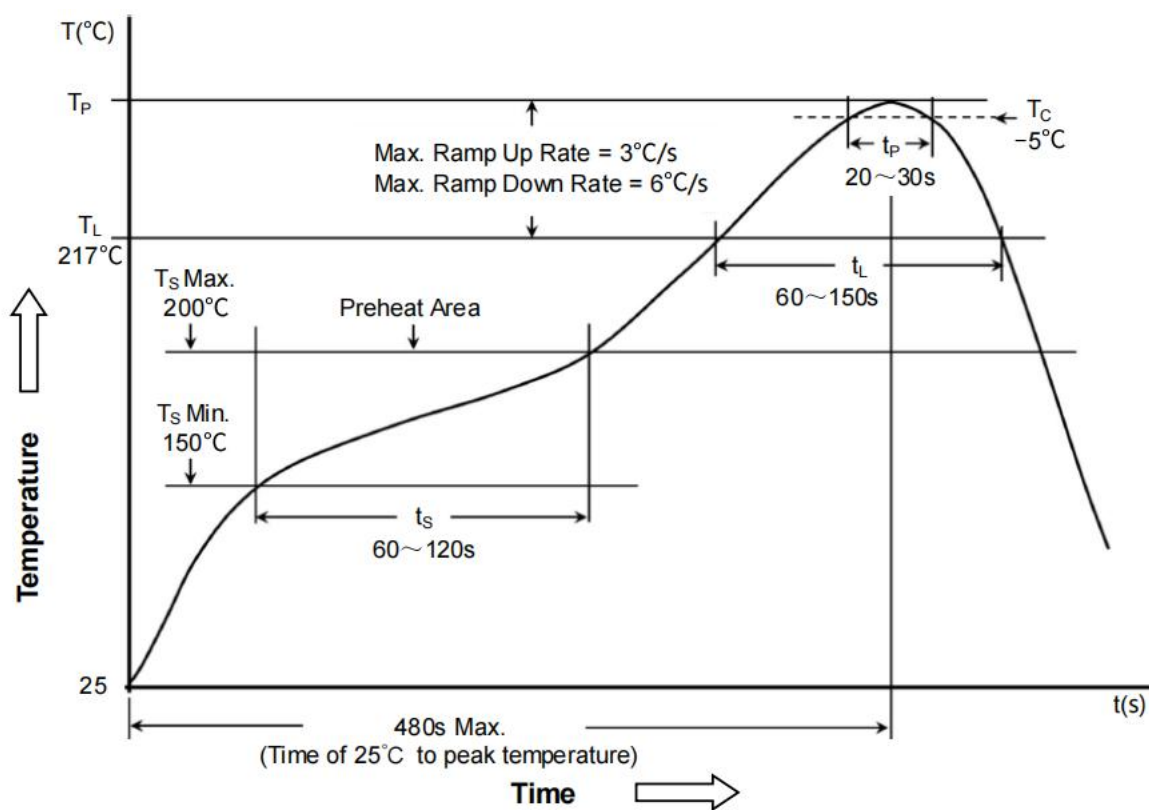
◆ Impedance vs Frequency Curve



◆ Impedance vs Frequency Curve

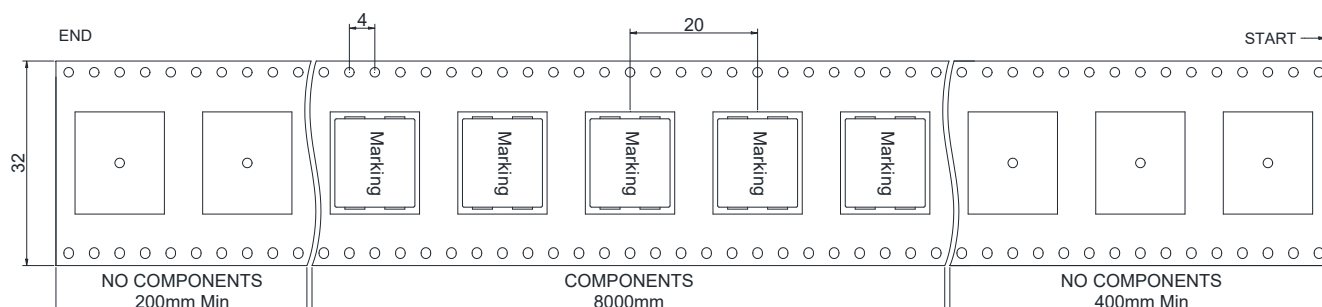


◆ Soldering Specification (Reflow Profile for SMT Components)

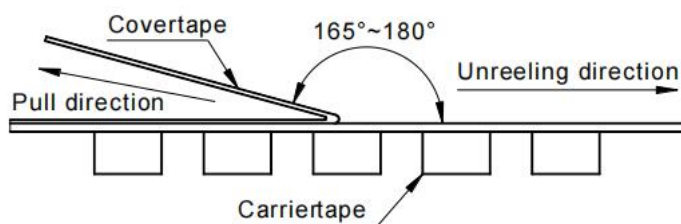


◆ Packing Specification

Tape Direction (mm)



Cover Tape Peel Off Condition



1. Cover tape peel force shall be 10g to 130g.
2. Reference peel speed 300±10mm/min

Reel Dimensions (mm)

