



External appearance : No external defects can be found in the visual inspection.

Electrode strength : No electrode detachment should be found when the device is pushed in two directions of X and Y with the force of 10.0N for 10±2 seconds after soldering between copper plate and the electrodes. (Refer to figure at right)

Vibration test: Inductance deviation is within ±3.0% after 1 hour sweeping vibration in each three directions, namely, forward and backward, up and down, right and left. The frequency is 10~55~10Hz and the amplitude of 1 minute cycle is 1.5mm PP.

Humidity test: Inductance deviation is within ±5.0% after 96±4 hours test under the condition of relative humidity of 90~95% and temperature of 60±2℃, and 1 hour storage under room ambient conditions after the device is wiped with dry cloth.

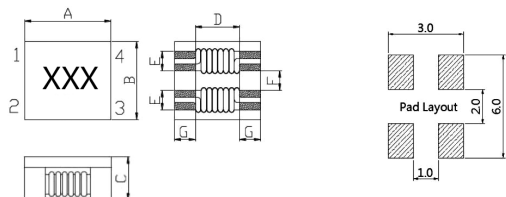
Operating temperature range: -40℃ ~ +125℃ (Including self-heating).

Storage temperature range: -40℃ ~ +125℃ (on board)

Electrical Specifications@25℃

Part Number	Impedance (Ω)@100MHz	DC Resistance (mΩ) max.	Rated Current	Rated Volt.	IR	Marking
			(A)Max.	(Vdc)Max.	(MΩ)Min.	
ACM4520-151 T	90(min);150(typ)	40	3.1	50	10	151
ACM4520-231 T	180(min);230(typ)	45	3.0	50	10	231
ACM4520-301 T	200(min);300(typ)	45	3.0	50	10	301
ACM4520-501 T	300(min);500(typ)	55	2.5	50	10	501
ACM4520-701 T	500(min);700(typ)	59	2.2	50	10	701
ACM4520-102 T	750(min);1000(typ)	68	2.1	50	10	102
ACM4520-122 T	1000(min);1200(typ)	74	2.0	50	10	122
ACM4520-142 T	1000(min);1400(typ)	81	1.7	50	10	142

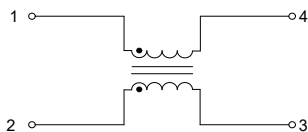
MECHANICAL



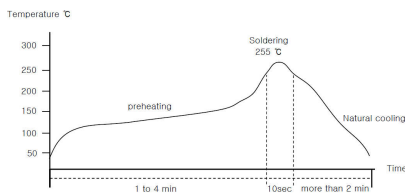
A	5.0±0.5
B	4.5±0.5
C	2.5 Max
D	2.7 Typ.
E	1.15 Typ.
F	0.85 Typ.
G	1.0 Typ.

Dimensions (mm)

SCHEMATICS

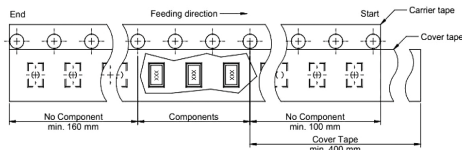


IMPEDEANCE FREQUENCY



Temperature and humidity : After that , no mechanical and electrical defect should be found .

TAPING AND PACKING

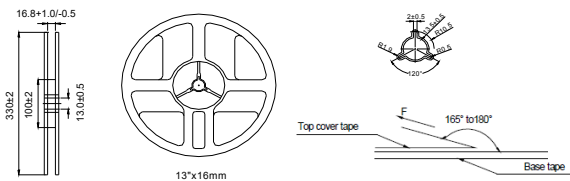


Style	Distance	Pull-of force
12	8mm	10~120g

Quantity (pcs):

1000 PCS PER REEL
3 REELS PER CARTON
3000PCS PER CARTON

Reel



Dimensions in mm