

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°C, and 1 hour storage under room ambient conditions after the device is wiped with dry cloth.

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

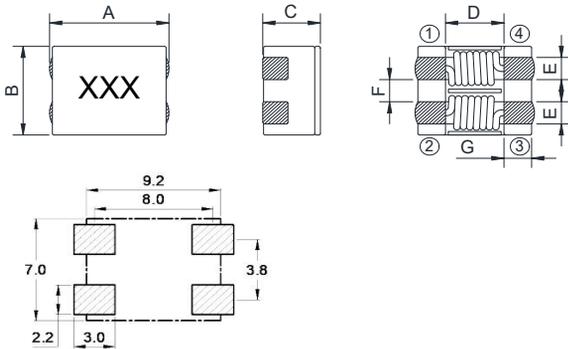
Storage temperature range: -40°C ~ +125°C (on board)



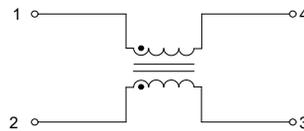
Electrical Specifications@25°C

Part Number	Impedance (Ω)@100MHz/0.1V	DC Resistance (mΩ) max.	Rated Current	Rated Volt.	IR (MΩ)Min.	Marking
			(A)Max.	(Vdc)Max.		
ACM9070-301 T	225(min);300(typ)	6	6.0	80	10	301
ACM9070-501 T	400(min);600(typ)	8	5.5	80	10	501
ACM9070-701 T	500(min);700(typ)	10	5.0	80	10	701
ACM9070-102 T	750(min);1000(typ)	13	4.0	80	10	102
ACM9070-152 T	1000(min);1500(typ)	18	4.0	80	10	152
ACM9070-222T	1700(min);2200(typ)	60	2.5	80	10	222
ACM9070-272 T	2000(min);2700(typ)	65	2.0	80	10	272
ACM9070-302 T	2500(min);3000(typ)	80	2.0	80	10	302

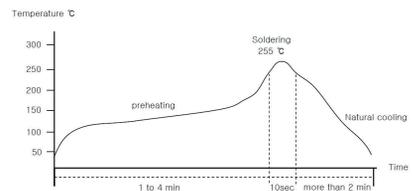
MECHANICAL



SCHEMATICS



IMPEDEANCE FREQUENCY

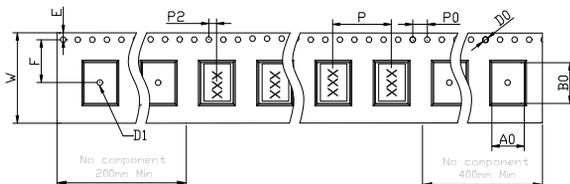


Temperature and humidity : After that , no mechanical and electrical defect should be found .

Item	A	B0	C	D	E	F	G
Dim	9.0	7.0	4.8	5.6	1.8	2.0	1.7
Tole	±0.5	±0.5	Max	Typ	Typ	Typ	Typ

Dimensions (mm)

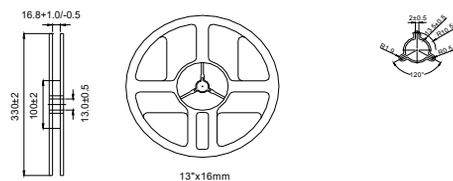
TAPING AND PACKING



TYPE	W	A0	B0	K0	P	P0	P2	F	E	D0	D1	REEL (PCS)
ACM9070	24.0	7.60	9.60	5.10	16.0	4.00	2.0	11.50	1.75	1.50	1.50	700

Quantity (pcs):
700 PCS PER REEL
3 REELS PER CARTON
4200PCS PER CARTON

Reel



Dimensions in mm