

### ACM-A Series

#### Features

- RoHS compliance.
- Common mode filter, good temperature resistance.
- The products contain no lead and also support lead-free soldering.

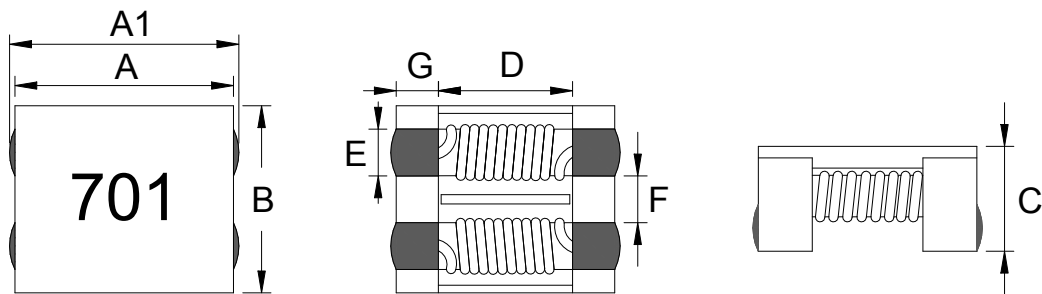
#### Applications

- Headlights, Car USB Interface, Audio, Car DVD.

#### Test Conditions

- All test data is referenced to 25°C ambient.
- Operating temperature range -40°C to +125°C(Including self - temperature rise).

#### External Dimensions (Unit: m/m)



Type	A	A1	B	C	D Typ.	E Typ.	F Typ.	G Typ.	Q'Ty/Reel
ACM07A40	7.0±0.5	7.5±0.5	6.0±0.5	4.0Max	3.5	1.5	1.5	1.7	1500
ACM09A50	9.0±0.5	9.5±0.5	7.0±0.5	4.8Max	5.7	1.5	2.0	1.7	700
ACM12A65	12.0±0.5	12.5±0.5	10.8±0.5	6.5Max	7.0	2.7	2.5	2.5	500
ACM15A60	15.0±0.5	15.6±0.5	13.0±0.5	6.6Max	9.4	2.6	3.8	2.5	350

#### Part Number Code

ACM    07    A    40    R    701  
 A        B    C    D    E    F

A: Series Name                      Common Mode Chokes  
 B: Dimensions(mm)                07 : 7.0x6.0  
 C: Materials                         No Ues  
 D: Thickness(mm)                  40 : 4.0 Max  
 E: Tolerance                         R : Reference  
 F: Impedance                        701=700Ω

**Electrical Characteristics**

Part Number	Z( $\Omega$ ) 100MHz/0.1V		DC Resistance (m $\Omega$ )Max.	Rated DC Current (A)Max.	Insulation Resistance (M $\Omega$ )Min.	Rated Voltage (V)Max.
	Min.	Ref.				
ACM07A40R700	40	70	5.0	15.0	10	125
ACM07A40R141	100	140	10.0	9.0	10	125
ACM07A40R301	225	300	10.0	5.0	10	125
ACM07A40R451	275	450	10.0	5.0	10	125
ACM07A40R701	500	700	15.0	4.0	10	125
ACM07A40R102	800	1020	17.0	3.0	10	125
ACM07A40R132	910	1300	21.0	2.5	10	125
ACM07A40R272	2000	2700	63.0	1.0	10	125
ACM07A40R302	2500	3000	75.0	0.9	10	125
ACM09A50R301	225	300	6.0	6.0	10	50
ACM09A50R601	450	600	8.0	5.5	10	50
ACM09A50R701	500	700	10.0	5.0	10	50
ACM09A50R102	750	1000	13.0	4.0	10	50
ACM09A50R222	1700	2200	60.0	2.5	10	50
ACM09A50R302	2500	3000	70.0	3.0	10	50
ACM12A65R231	80	230	2.0	10.0	10	125
ACM12A65R701	500	700	6.0	8.0	10	125
ACM12A65R801	600	800	8.0	8.0	10	125
ACM12A65R102	750	1000	14.0	6.0	10	125
ACM12A65R252	2200	2500	35.0	1.8	10	125
ACM12A65R272	2300	2700	50.0	1.5	10	125
ACM15A60R301	225	300	5.0	13.0	10	80
ACM15A60R501	400	500	6.0	10.0	10	80
ACM15A60R551	400	550	6.0	10.0	10	80
ACM15A60R601	500	600	7.0	10.0	10	80
ACM15A60R701	500	700	7.0	10.0	10	80
ACM15A60R102	800	1000	10.0	9.0	10	80
ACM15A60R152	1200	1500	23.0	5.0	10	80