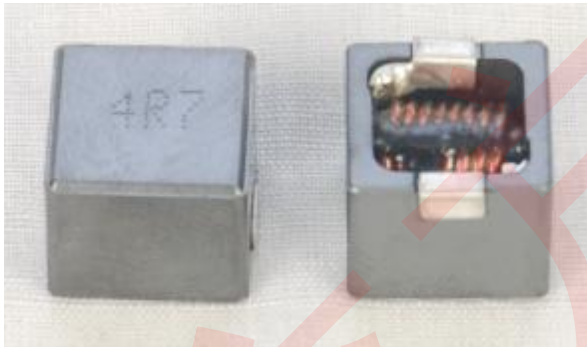




ACLS SERIES



Features:

- High current and Low DCR
- Low profile for machine placement
- Minimize electromagnetic interference
- Prevent EMI effect via precise impedance
- Custom design available

Part numbering system

ACLS 0807 MN - 1R5 M

A B C D E

A : Series Name.

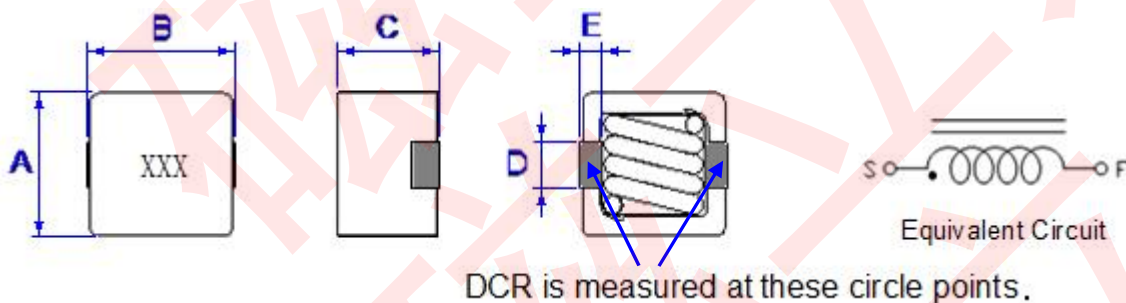
B : Dimension.

C : Material Type.

D : Inductance. (for example 1R5=1.5 uH)

E : Inductance Tolerance. (for example M=±20%)

Mechanical dimension: (Unit: mm)



系列 \ 尺寸	A	B	C	D	E	Packing (Pcs/Reel)
ACLS0807	7.9±0.4	8.4±0.4	7.2±0.4	2.3±0.2	1.5±0.2	500
ACLS1009	10.0±0.4	10.9±0.4	9.3±0.4	3.0±0.2	1.6±0.2	400
ACLS1210	11.4±0.4	12.1±0.4	9.5±0.5	3.5±0.2	2.0±0.2	300



ACLS SERIES

Electrical Characteristics:

TEST CONDITION: AT 25°C,100KHz / 0.1V

PART NO.	L(OA) (uH±20%)	I _{rms} (A) Typ.	I _{sat} (A) Typ.	DCR(mΩ) Typ.	DCR(mΩ) Max	Wurth P/N
ACLS0807MN-R30M	0.30	20.5	36.0	2.3	2.7	7443340030
ACLS0807MN-R47M	0.47	19.0	32.0	2.65	3.1	7443340047
ACLS0807MN-R56M	0.56	19.0	28.0	2.65	3.1	
ACLS0807MN-R68M	0.68	19.0	23.5	2.65	3.1	7443340068
ACLS0807MN-R82M	0.82	17.0	23.0	3.6	3.9	
ACLS0807MN-1R0M	1.0	17.0	24.0	3.6	3.9	7443340100
ACLS0807MN-1R5M	1.5	16.5	18.5	5.3	5.6	7443340150
ACLS0807MN-2R2M	2.2	16.5	12.5	5.3	5.6	7443340220
ACLS0807MN-3R3M	3.3	14.0	8.5	7.5	8.2	7443340330
ACLS0807MN-4R7M	4.7	7.5	8.0	12.7	13.5	7443340470
ACLS0807MN-6R8M	6.8	5.5	7.5	23.3	24.0	7443340680
ACLS0807MN-100M	10.0	4.4	7.0	38.5	41.0	7443341000
ACLS1009MN-R22M	0.22	21.5	60.0	1.4	1.6	7443330022
ACLS1009MN-R33M	0.33	21.5	55.0	1.4	1.6	7443330033
ACLS1009MN-R47M	0.47	20.5	47.0	1.6	1.85	7443330047
ACLS1009MN-R68M	0.68	20.0	38.0	2.15	2.65	7443330068
ACLS1009MN-R82M	0.82	20.0	36.0	2.15	2.65	7443330082
ACLS1009MN-1R0M	1.0	20.0	27.5	2.15	2.65	7443330100
ACLS1009MN-1R5M	1.5	18.0	27.0	3.35	4.0	7443330150
ACLS1009MN-2R2M	2.2	16.5	22.0	4.6	4.8	7443330220
ACLS1009MN-3R3M	3.3	14.0	15.5	6.5	7.15	7443330330
ACLS1009MN-4R7M	4.7	13.0	15.0	9.4	9.9	7443330470
ACLS1009MN-6R8M	6.8	11.5	11.0	14.15	15.0	7443330680
ACLS1009MN-8R2M	8.2	11.5	8.0	14.15	15.0	7443330820
ACLS1009MN-100M	10.0	9.0	8.0	22.75	23.1	7443331000
ACLS1210MN-R22M	0.22	27.0	60.0	1.1	1.5	7443320022
ACLS1210MN-R33M	0.33	27.0	55.0	1.1	1.5	7443320033
ACLS1210MN-R47M	0.47	26.0	48.0	1.35	1.85	7443320047
ACLS1210MN-R68M	0.68	26.0	38.0	1.35	1.85	7443320068
ACLS1210MN-R82M	0.82	24.0	36.0	1.85	2.5	7443320082
ACLS1210MN-1R0M	1.0	24.0	32.0	1.85	2.5	7443320100
ACLS1210MN-1R5M	1.5	19.5	27.0	2.95	3.5	7443320150
ACLS1210MN-2R2M	2.2	18.0	23.0	3.9	4.3	7443320220
ACLS1210MN-3R3M	3.3	17.0	17.0	5.2	5.7	7443320330
ACLS1210MN-4R7M	4.7	15.5	15.5	7.25	7.9	7443320470
ACLS1210MN-6R8M	6.8	13.0	13.0	10.15	11.0	7443320680
ACLS1210MN-8R2M	8.2	13.0	12.0	10.6	11.8	7443320820
ACLS1210MN-100M	10.0	9.0	10.0	15.35	16.7	7443321000