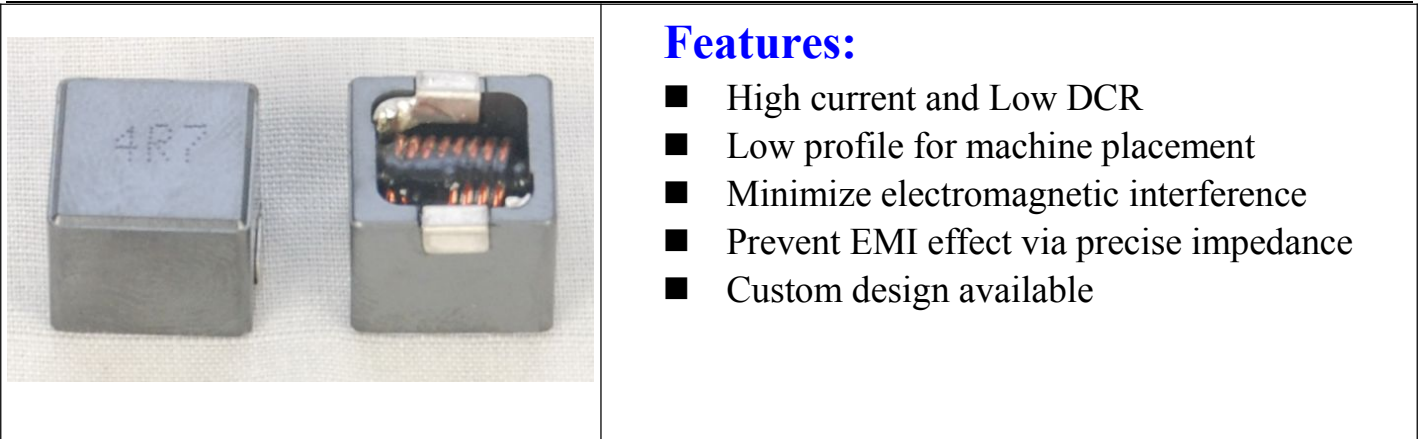


SRLS SERIES



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

<u>SRLS</u>	<u>0807</u>	<u>MN</u>	-	<u>R82</u>	<u>M</u>
A	B	C		D	E

A : Series Name.

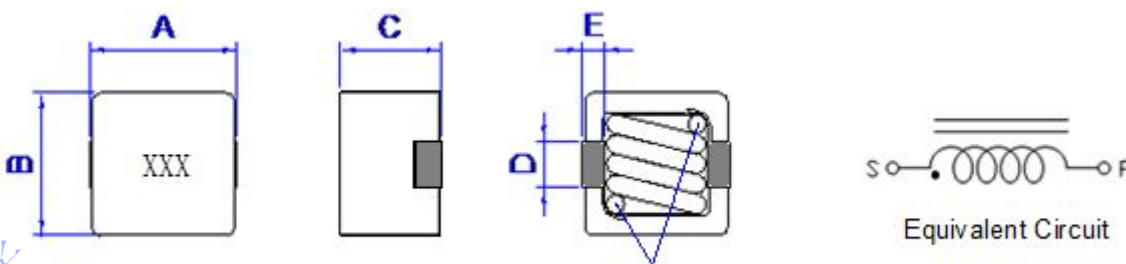
B : Dimension.

C : Material Type.

D : Inductance. (for example R82=0.82 uH)

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

Mechanical dimension: (Unit: mm)



DCR is measured at these circle points.

dimension	A	B	C	D	E	Packing (Pcs/Reel)
series name						
SRLS0807	7.9±0.3	8.4±0.4	7.0±0.4	2.3±0.2	1.5±0.2	500
SRLS1009	10.0±0.3	10.9±0.4	9.3±0.5	3.0±0.2	1.6±0.2	400
SRLS1210	11.4±0.4	12.1±0.4	9.5±0.5	3.5±0.2	2.0±0.2	300

Electrical Characteristics:
TEST CONDITION: AT 25°C, 100KHz / 0.1V

PART NO.	L(0A) (uH±20%)	Irat (Amperes)	Isat (Amperes)	DCR (mΩ)TYPE	DCR (mΩ)MAX	WURTH P/N
SRLS0807MN-R30M	0.30	20.5	36.0	1.4	1.54	7443340030
SRLS0807MN-R47M	0.47	19.0	32.0	1.72	1.89	7443340047
SRLS0807MN-R56M	0.56	19.0	28.0	1.72	1.89	
SRLS0807MN-R68M	0.68	19.0	23.5	1.72	1.89	7443340068
SRLS0807MN-R82M	0.82	17.0	23.0	2.95	3.25	
SRLS0807MN-1R0M	1.0	17.0	24.0	2.95	3.25	7443340100
SRLS0807MN-1R5M	1.5	16.5	18.5	4.4	4.84	7443340150
SRLS0807MN-2R2M	2.2	16.5	12.5	4.4	4.84	7443340220
SRLS0807MN-3R3M	3.3	14.0	8.5	6.5	7.15	7443340330
SRLS0807MN-4R7M	4.7	7.5	8.0	12.4	13.64	7443340470
SRLS0807MN-6R8M	6.8	5.5	7.5	22.2	24.42	7443340680
SRLS0807MN-100M	10.0	4.4	7.0	40.5	44.55	7443341000
SRLS1009MN-R22M	0.22	21.5	60.0	0.6	0.66	7443330022
SRLS1009MN-R33M	0.33	21.5	55.0	0.6	0.66	7443330033
SRLS1009MN-R47M	0.47	20.5	47.0	0.8	0.88	7443330047
SRLS1009MN-R68M	0.68	20.0	38.0	1.35	1.49	7443330068
SRLS1009MN-R82M	0.82	20.0	36.0	1.35	1.49	7443330082
SRLS1009MN-1R0M	1.0	20.0	27.5	1.35	1.49	7443330100
SRLS1009MN-1R5M	1.5	18.0	27.0	2.5	2.75	7443330150
SRLS1009MN-2R2M	2.2	16.5	22.0	3.7	4.07	7443330220
SRLS1009MN-3R3M	3.3	14.0	15.5	5.4	5.94	7443330330
SRLS1009MN-4R7M	4.7	13.0	15.0	8.2	9.02	7443330470
SRLS1009MN-6R8M	6.8	11.5	11.0	13.2	14.52	7443330680
SRLS1009MN-8R2M	8.2	11.5	8.0	13.2	14.52	7443330820
SRLS1009MN-100M	10.0	9.0	8.0	20.7	22.77	7443331000
SRLS1210MN-R22M	0.22	27.0	60.0	0.53	0.58	7443320022
SRLS1210MN-R33M	0.33	27.0	55.0	0.53	0.58	7443320033
SRLS1210MN-R47M	0.47	26.0	48.0	0.72	0.79	7443320047
SRLS1210MN-R68M	0.68	26.0	38.0	0.72	0.79	7443320068
SRLS1210MN-R82M	0.82	24.0	36.0	1.17	1.29	7443320082
SRLS1210MN-1R0M	1.0	24.0	32.0	1.17	1.29	7443320100
SRLS1210MN-1R5M	1.5	19.5	27.0	2.10	2.31	7443320150
SRLS1210MN-2R2M	2.2	18.0	23.0	3.05	3.36	7443320220
SRLS1210MN-3R3M	3.3	17.0	17.0	4.40	4.84	7443320330
SRLS1210MN-4R7M	4.7	15.5	17.0	6.35	6.99	7443320470
SRLS1210MN-6R8M	6.8	13.0	13.0	8.98	9.88	7443320680
SRLS1210MN-8R2M	8.2	13.0	12.0	9.90	10.89	7443320820
SRLS1210MN-100M	10.0	9.0	10.0	14.40	15.84	7443321000