

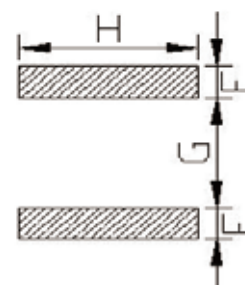
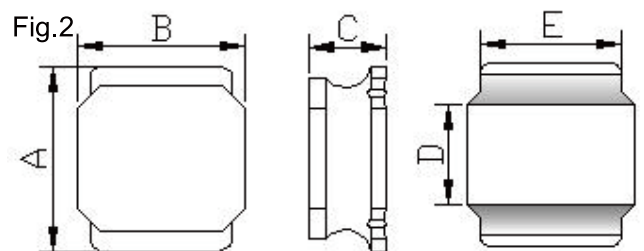
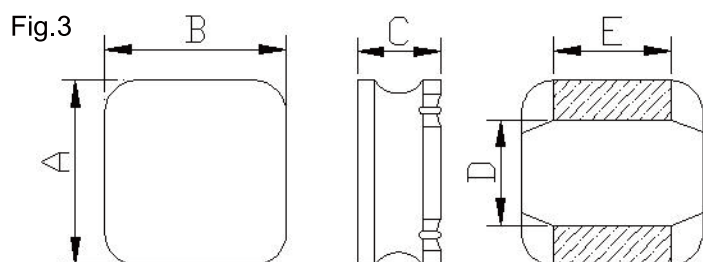
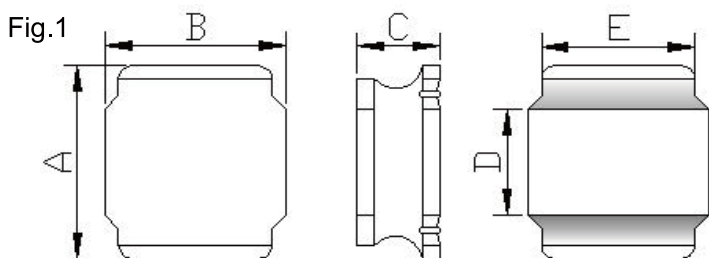


## PRODUCT IDENTIFICATION

SRNR 3015 I Y D 101 M I 00  
a b c d e f g h i

- a: Series name
- b: Product dimensions (a x c)
- c: Shape (T:12-Sided、B:8-Sided、S:4-Sided)
- d: Sealing way (L: Cold seal Y: Heat seal)
- e: Lettering direction ▶
- f: Inductance Value  
(1R0:1.0uH; 100: 10uH; 101:100uH)
- g: Inductance Tolerance (K:10% ; M:20% ; N:30%)
- h: Package(T:Tape/Reel、B: Bulk)
- i: Numbering (standard)

## SHAPES AND DIMENSIONS



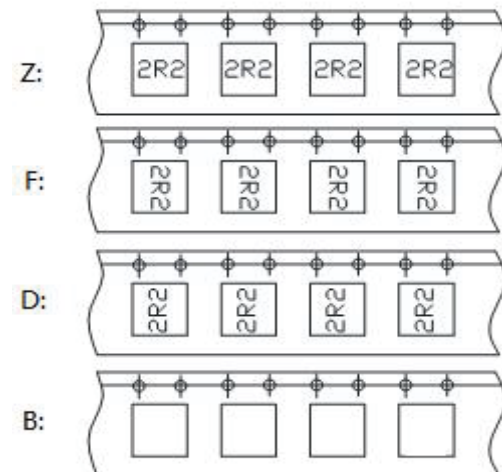
## FEATURES

- ◆ low profile, low RDC, high current handling capacities.
- ◆ Magnetically shielded structure that ensures the high-density mounting configurations.
- ◆ Flat bottom surface ensures secure, reliable mounting.

## APPLICATIONS

- ◆ Ideally used in Digital camera, notebook, PC, LCD TV set, DC-DC Converters, etc.

### ▶ Lettering direction



※ All products are printed with Marking except the 201610, 252010, 252012 series.

## SHAPES AND DIMENSIONS

Series	Shape	Dimensions(mm)							
		A	B	C Max.	D	E Ref.	F Ref.	G Ref.	H Ref.
SRNS.201610	Fig.1	2.0±0.2	1.6±0.2	1.05	0.8±0.2	1.60	0.70	0.70	1.60
SRNS.252010	Fig.1	2.5±0.2	2.0±0.2	1.05	0.8±0.2	2.00	0.85	0.80	2.00
SRNR.252012	Fig.1	2.5±0.2	2.0±0.2	1.20	0.8±0.2	2.00	0.85	0.80	2.00
SRNR.3010	Fig.2	3.0±0.2	3.0±0.2	1.00	1.5±0.2	2.50	0.80	1.50	2.70
SRNR.3012	Fig.2	3.0±0.2	3.0±0.2	1.20	1.5±0.2	2.50	0.80	1.50	2.70
SRNR.3015	Fig.1	3.0±0.2	3.0±0.2	1.50	1.5±0.2	2.50	0.80	1.50	2.70
SRNR.4010	Fig.2	4.0±0.2	4.0±0.2	1.00	2.1±0.2	3.30	1.10	1.90	3.70
SRNR.4012	Fig.2	4.0±0.2	4.0±0.2	1.20	2.1±0.2	3.30	1.10	1.90	3.70
SRNR.4018	Fig.1	4.0±0.2	4.0±0.2	1.80	2.1±0.2	3.30	1.10	1.90	3.70
SRNR.4020	Fig.1	4.0±0.2	4.0±0.2	2.00	2.1±0.2	3.30	1.10	1.90	3.70
SRNR.4030	Fig.1	4.0±0.2	4.0±0.2	3.00	2.1±0.2	3.30	1.10	1.90	3.70
SRNR.5012	Fig.2	5.0±0.2	5.0±0.2	1.20	2.5±0.2	4.00	1.40	2.30	4.20
SRNR.5020	Fig.1	5.0±0.2	5.0±0.2	2.00	2.5±0.2	4.00	1.40	2.30	4.20
SRNR.5030	Fig.1	5.0±0.2	5.0±0.2	3.00	2.5±0.2	4.00	1.40	2.30	4.20
SRNR.5040	Fig.1	5.0±0.2	5.0±0.2	4.00	2.5±0.2	4.00	1.40	2.30	4.20
SRNR.6020	Fig.1	6.0±0.3	6.0±0.3	2.00	2.9±0.3	4.90	1.70	2.80	5.70
SRNR.6028	Fig.1	6.0±0.3	6.0±0.3	2.80	2.9±0.3	4.90	1.70	2.80	5.70
SRNR.6045	Fig.1	6.0±0.3	6.0±0.3	4.50	2.9±0.3	4.90	1.70	2.80	5.70
SRNR.8040	Fig.1	8.0±0.3	8.0±0.3	4.20	4.0±0.3	6.30	2.20	3.80	7.50
SRNR.8060	Fig.1	8.0±0.3	8.0±0.3	6.00	4.0±0.3	6.30	2.20	3.80	7.50
SRNR.8065	Fig.1	8.0±0.3	8.0±0.3	6.50	4.0±0.3	6.30	2.20	3.80	7.50
SRNR.1050	Fig.3	10±0.3	10±0.3	5.00	6.5±0.3	4.50	2.20	6.20	5.40

## SHAPES AND DIMENSIONS

Series	Shape	Dimensions(mm)							
		A	B	C Max.	D	E Ref.	F Ref.	G Ref.	H Ref.
SRNH.201610	Fig.1	2.0±0.2	1.6±0.2	1.05	0.8±0.2	1.60	0.70	0.70	1.60
SRNH.252010	Fig.1	2.5±0.2	2.0±0.2	1.05	0.8±0.2	2.00	0.85	0.80	2.00
SRNH.252012	Fig.1	2.5±0.2	2.0±0.2	1.20	0.8±0.2	2.00	0.85	0.80	2.00
SRNH.3012	Fig.1	3.0±0.2	3.0±0.2	1.20	1.5±0.2	2.50	0.80	1.50	2.70
SRNH.3015	Fig.1	3.0±0.2	3.0±0.2	1.50	1.5±0.2	2.50	0.80	1.50	2.70
SRNH.4012	Fig.2	4.0±0.2	4.0±0.2	1.00	2.1±0.2	3.30	1.10	1.90	3.70
SRNH.4020	Fig.1	4.0±0.2	4.0±0.2	1.20	2.1±0.2	3.30	1.10	1.90	3.70

Part Number	L ( $\mu$ H)	Test Freq. (KHz/V)	DCR Max. ( $\Omega$ )	Saturation Current(A)	Heat Rating Current (A)
SRNR.8040.TYD1R0N00	1.0	100/1	0.011	9.80	6.30
SRNR.8040.TYD1R5N00	1.5	100/1	0.014	7.70	5.65
SRNR.8040.TYD2R2N00	2.2	100/1	0.016	7.10	5.15
SRNR.8040.TYD3R3N00	3.3	100/1	0.022	6.50	4.40
SRNR.8040.TYD4R7N00	4.7	100/1	0.026	5.90	4.00
SRNR.8040.TYD5R6N00	5.6	100/1	0.031	5.50	3.80
SRNR.8040.TYD6R8M00	6.8	100/1	0.036	4.50	3.60
SRNR.8040.TYD8R2M00	8.2	100/1	0.046	4.20	3.40
SRNR.8040.TYD100M00	10	100/1	0.048	3.60	3.10
SRNR.8040.TYD120M00	12	100/1	0.065	3.40	2.70
SRNR.8040.TYD150M00	15	100/1	0.073	2.90	2.50
SRNR.8040.TYD180M00	18	100/1	0.092	2.70	2.20
SRNR.8040.TYD220M00	22	100/1	0.096	2.40	2.00
SRNR.8040.TYD330M00	33	100/1	0.130	2.00	1.70
SRNR.8040.TYD470M00	47	100/1	0.210	1.70	1.50
SRNR.8040.TYD680M00	68	100/1	0.255	1.40	1.20
SRNR.8040.TYD820M00	82	100/1	0.345	1.30	1.10
SRNR.8040.TYD101M00	100	100/1	0.384	1.15	1.00
SRNR.8040.TYD121M00	120	100/1	0.421	1.10	0.90
SRNR.8040.TYD151M00	150	100/1	0.611	1.05	0.80
SRNR.8040.TYD181M00	180	100/1	0.806	0.95	0.75
SRNR.8040.TYD221M00	220	100/1	0.858	0.85	0.70
SRNR.8040.TYD331M00	330	100/1	1.261	0.68	0.60
SRNR.8040.TYD471M00	470	100/1	1.625	0.60	0.50
SRNR.8040.TYD681M00	680	100/1	2.670	0.52	0.40
SRNR.8040.TYD102M00	1000	100/1	3.800	0.40	0.30

## Note:

Tolerance: N:±30% , M:±20% , K:±10%

Saturation Current: DC current at which the inductance drops approximate 30% from its value without current;

Heat Rating Current : DC current that causes the temperature rise ( $\Delta T = 40^{\circ}\text{C}$ ) from  $25^{\circ}\text{C}$  ambient;