

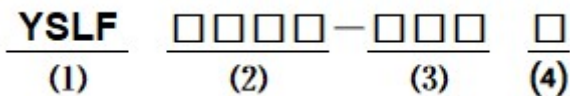
■ Features

- Low-profile type with low RDC and large current.
- The magnetic shielded type is suitable and high density mounting.
- Available on tape and reel for auto-insertion.
- Ideal for variety of DC-DC converter inductor applications..
- Operating temperature:-40°C ~ +125°C.

■ Applications

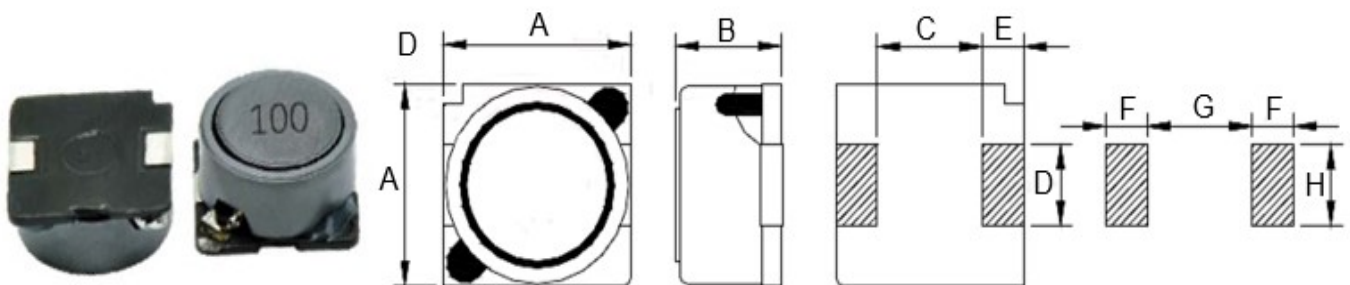
- Portable communication equipment.
- Notebook PC,digital camera,LCD television set.
- Power supply for VTR,OA equipment.
- DC/DC converters.

■ Product Identification



- (1) : Type
- (2) : Dimensions
- (3) : Inductance value
- (4) : Inductance Tolerance; N=±30%,M=±20%, K=±10%

■ Shapes and Dimensions (Unit: mm)



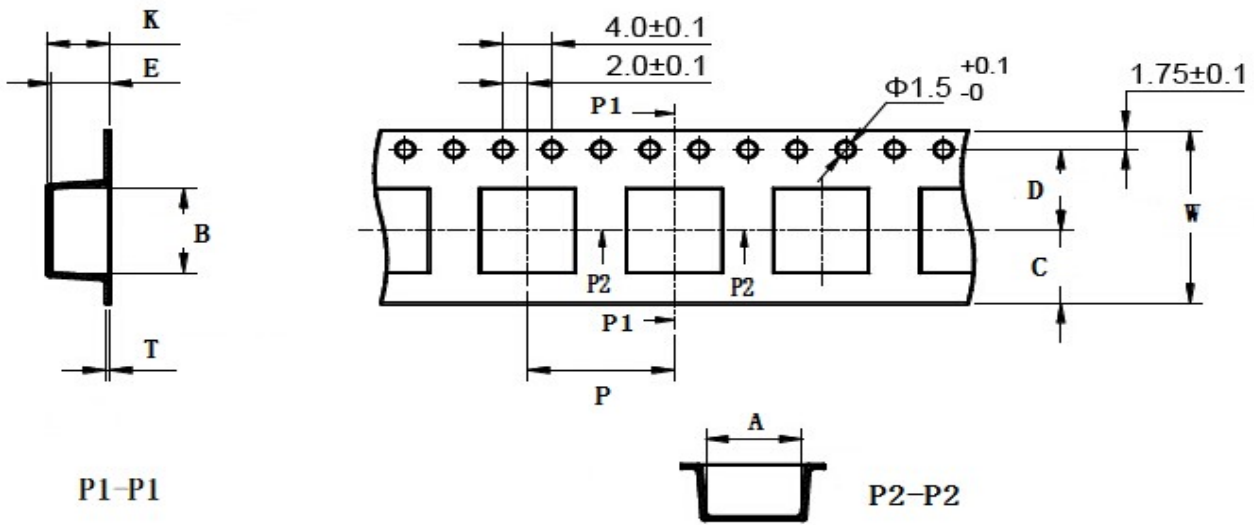
TYPE	A	B	C	D	E	F Ref.	G Ref.	H Ref.
YSLF7032	7.0±0.3	3.2±0.3	4.9±0.2	2.0±0.2	0.9	1.5	4.9	2.2

■ YSLF7032 Series

Part Number	Inductance (uH)	Test Freq.(KHz)	DCR Max.(Ω)	Rated Current Max. (A)
YSLF7032-1R6□	1.6	100	0.017	2.40
YSLF7032-2R2□	2.2	100	0.020	2.20
YSLF7032-2R7□	2.7	100	0.023	2.00
YSLF7032-3R3□	3.3	100	0.028	1.90
YSLF7032-4R7□	4.7	100	0.044	1.70
YSLF7032-6R8□	6.8	100	0.050	1.60
YSLF7032-100□	10	100	0.064	1.40
YSLF7032-150□	15	100	0.090	1.10
YSLF7032-220□	22	100	0.132	0.96
YSLF7032-330□	33	100	0.192	0.75
YSLF7032-470□	47	100	0.288	0.67
YSLF7032-680□	68	100	0.372	0.59
YSLF7032-101□	100	100	0.540	0.45
YSLF7032-151□	150	100	0.780	0.37
YSLF7032-221□	220	100	1.260	0.29
YSLF7032-331□	330	100	2.004	0.22
YSLF7032-471□	470	100	2.460	0.20
YSLF7032-681□	680	100	3.780	0.16
YSLF7032-102□	1000	100	5.736	0.13

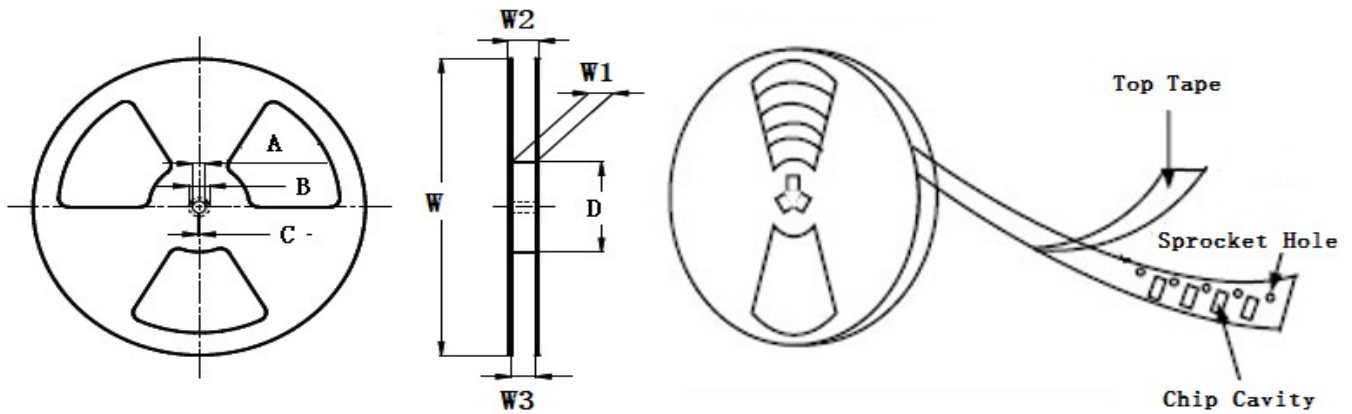
- ※ The saturation current value is the DC current value having inductance decrease down to 30%.(at 20°C)
- ※ The temperature rise current value is the DC current value having temperature increase up to 40°C. (at 20°C)
- ※ The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.

■ Taping Dimensions(Unit:mm)



TYPE	W	A	B	C	D	E	P	K Ref	T	MPQ
YSLF7032	16±0.3	7.7±0.1	7.7±0.1	6.75	7.5±0.1	3.65±0.1	12±0.1	3.85	0.35±0.05	1500

■ Reel Dimensions(Unit:mm)



TYPE	W	W1	W2	W3	A	B	C	D
YSLF7032	330±2.0	16.4±2.00	22.4MAX	15.9 Min	13.0±0.50	21.0±0.80	2.0±0.50	100 Min

Direction of rolling



Cover tape peel off condition



Cover tape peel force shall be 0.1N to 1.3N.

Reference peel speed 300±10mm/min.

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