

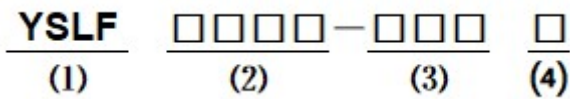
■ Features

- 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

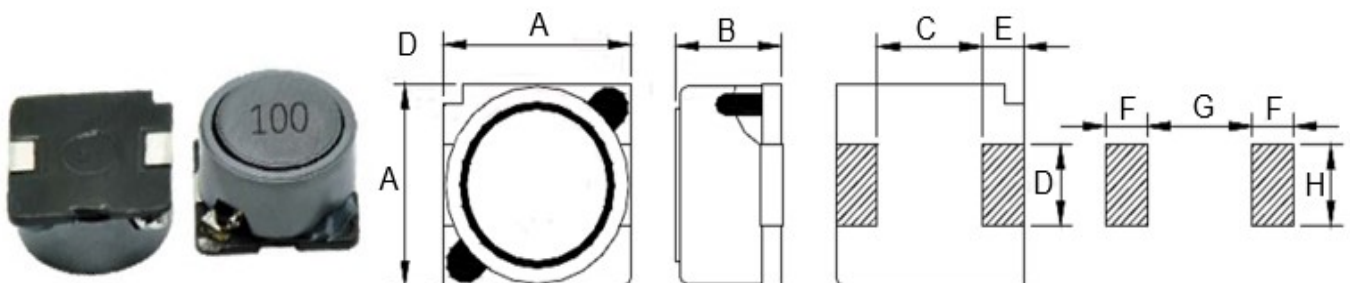
- Portable communication equipment.
- Notebook PC,digital camera,LCD television set.
- Power supply for VTR,OA equipment.
- DC/DC converters.

■ Product Identification



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

■ Shapes and Dimensions (Unit: mm)



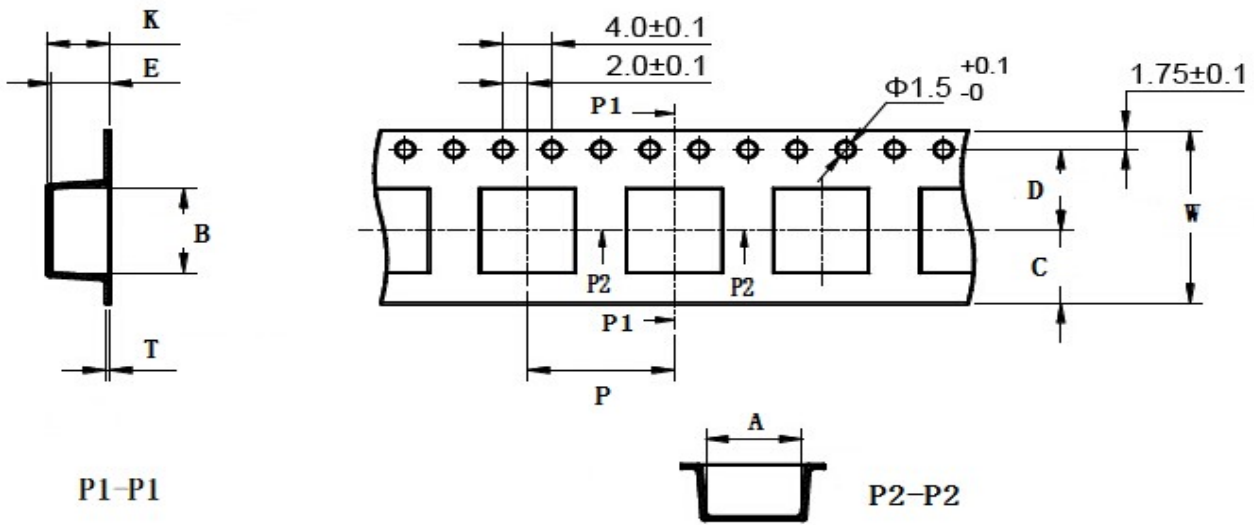
TYPE	A	B	C	D	E	F Ref.	G Ref.	H Ref.
YSLF1265	12.5±0.3	6.5±0.3	8.0±0.2	3.0±0.2	2.0	2.5	8.6	3.2

■ YSLF1265 Series

Part Number	Inductance (uH)	Test Freq.(KHz)	DCR Max.(Ω)	Rated Current Max.
YSLF1265-2R0□	2.0	100	0.015	6.20
YSLF1265-4R2□	4.2	100	0.018	5.50
YSLF1265-7R0□	7.0	100	0.022	5.00
YSLF1265-100□	10	100	0.025	4.80
YSLF1265-150□	15	100	0.029	4.20
YSLF1265-220□	22	100	0.038	3.50
YSLF1265-330□	33	100	0.049	2.80
YSLF1265-470□	47	100	0.070	2.40
YSLF1265-680□	68	100	0.095	2.00
YSLF1265-101□	100	100	0.148	1.60
YSLF1265-151□	150	100	0.328	1.00

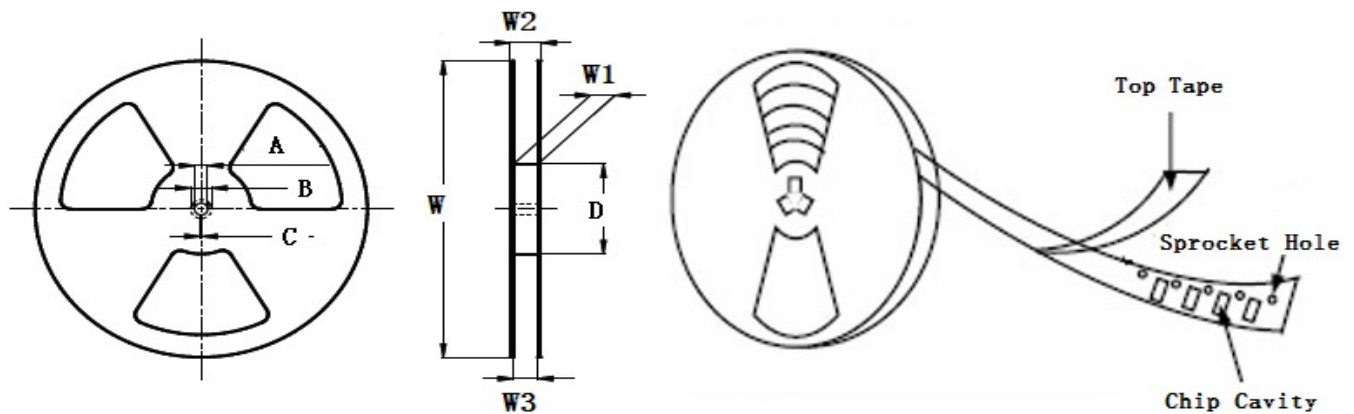
- ※ The saturation current value is the DC current value having inductance decrease down to 30%.(at 20°C)
- ※ The temperature rise current value is the DC current value having temperature increase up to 40°C. (at 20°C)
- ※ The rated current is the DC current value that satisfies both of current value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

■ Taping Dimensions(Unit:mm)



TYPE	W	A	B	C	D	E	P	K Ref	T	MPQ
YSLF1265	24±0.3	12.8±0.1	12.8±0.1	10.75	11.5±0.1	8.1±0.1	16±0.1	8.30	0.35±0.05	500

■ Reel Dimensions(Unit:mm)



TYPE	W	W1	W2	W3	A	B	C	D
YSLF1265	330±2.0	24.4±1.50	30.4MAX	23.9 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.