

■ Features

- Molding Inductor.
- Low Profile,Low Temp.
- Large Current(Over 15A).
- Customize For Different Need.
- Operating temperature:-40℃ ~ +125℃.

■ Applications

- General Electronic.
- Video Device,TV,TFT.
- Power Module for PC.
- NB/Lap Top Computer.
- Server,VGA Card/Module.

■ Product Identification

YSPI □□□□ — □□□ □
(1) (2) (3) (4)

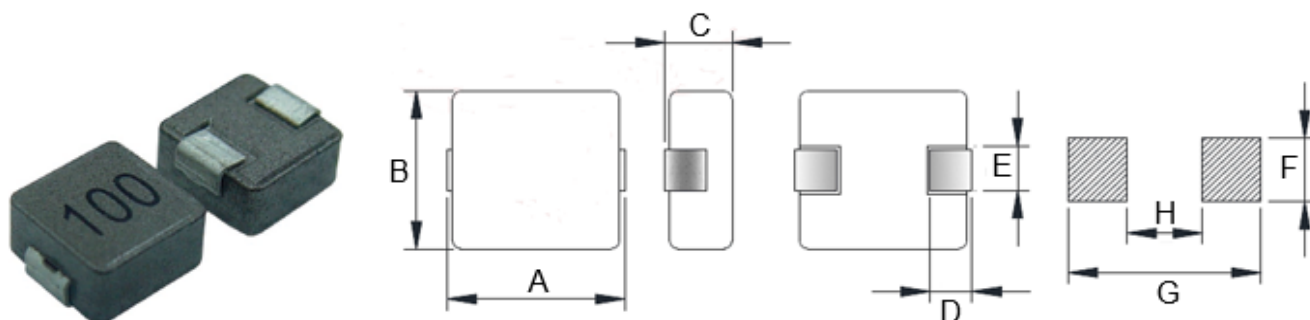
(1) : Type

(2) : Dimensions

(3) : Inductance value

(4) : Inductance Tolerance: N=±30%,M=±20%, K=±10%

■ Shapes and Dimensions (Unit: mm)



TYPE	A	B	C Max.	D	E Ref.	F Ref.	G Ref.	H Ref.
YSPI0630	6.5±0.5	6.0±0.5	3.0	2.5±0.3	1.3±0.3	3.2	7.3	3.5

■ YSPI0630 Series

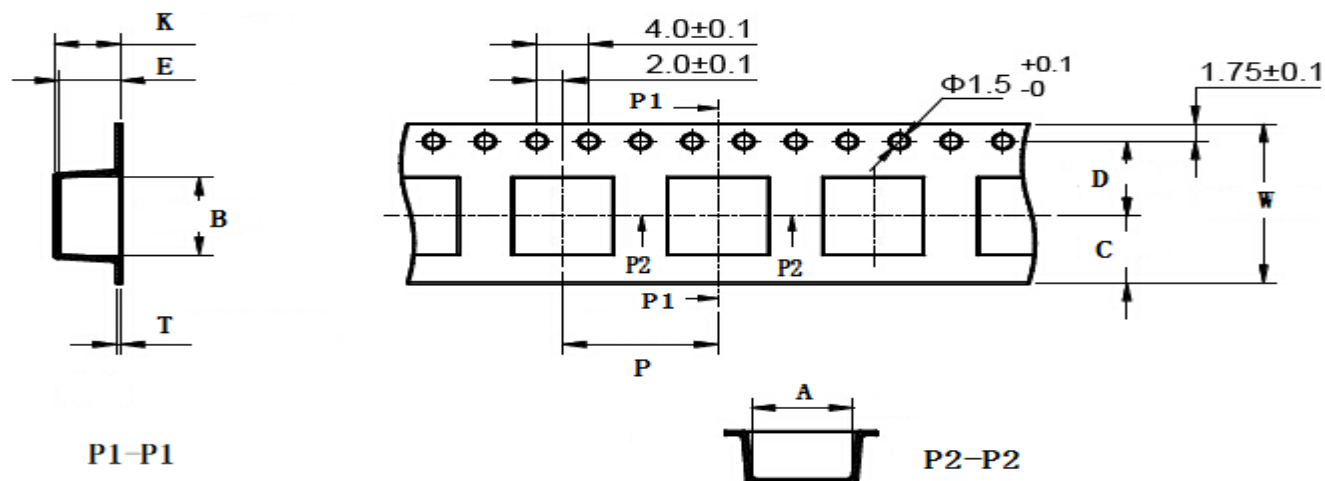
Part Number	Inductance (uH) @100KHz	DC Resistance (mΩ)		Heat Rating Current (A)	Saturation Current (A)
		Typ.	Max.		
YSPI0630-R68□	0.68	12	16	11.0	16.0
YSPI0630-1R2□	1.20	15	21	9.5	13.0
YSPI0630-1R5□	1.50	16	22	9.0	12.0
YSPI0630-2R2□	2.20	17	28	8.0	11.0
YSPI0630-2R7□	2.70	25	34	6.0	8.0
YSPI0630-3R3□	3.30	32	45	5.5	7.0
YSPI0630-4R7□	4.70	34	45	5.5	7.0
YSPI0630-5R6□	5.60	54	70	5.0	7.0
YSPI0630-6R8□	6.80	63	84	4.5	6.0
YSPI0630-100□	10.0	75	100	4.0	6.0

※ The saturation current value is the DC current value having inductance decrease down to 30%.(at 20℃)

※ The temperature rise current value is the DC current value having temperature increase up to 40℃. (at 20℃)

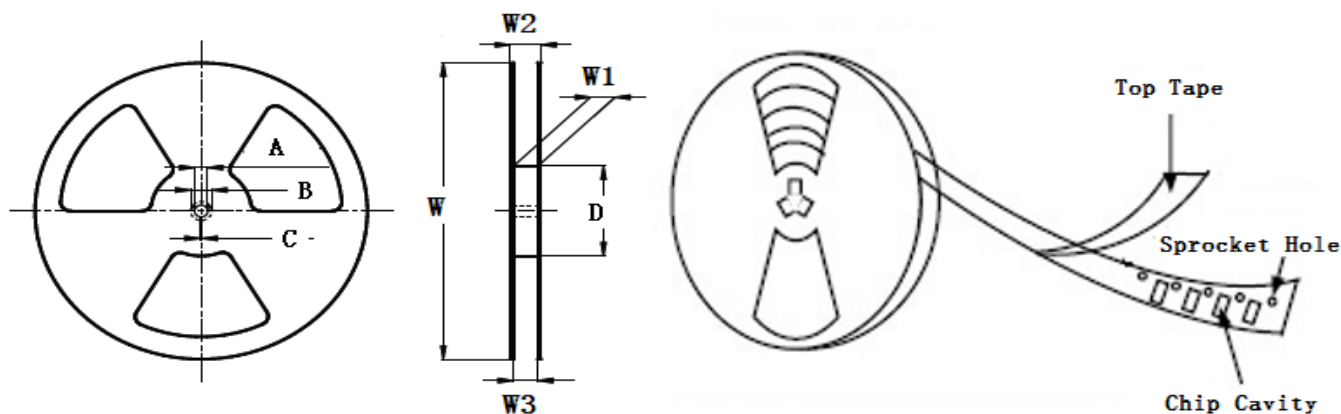
※ The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.

Taping Dimensions(Unit:mm)



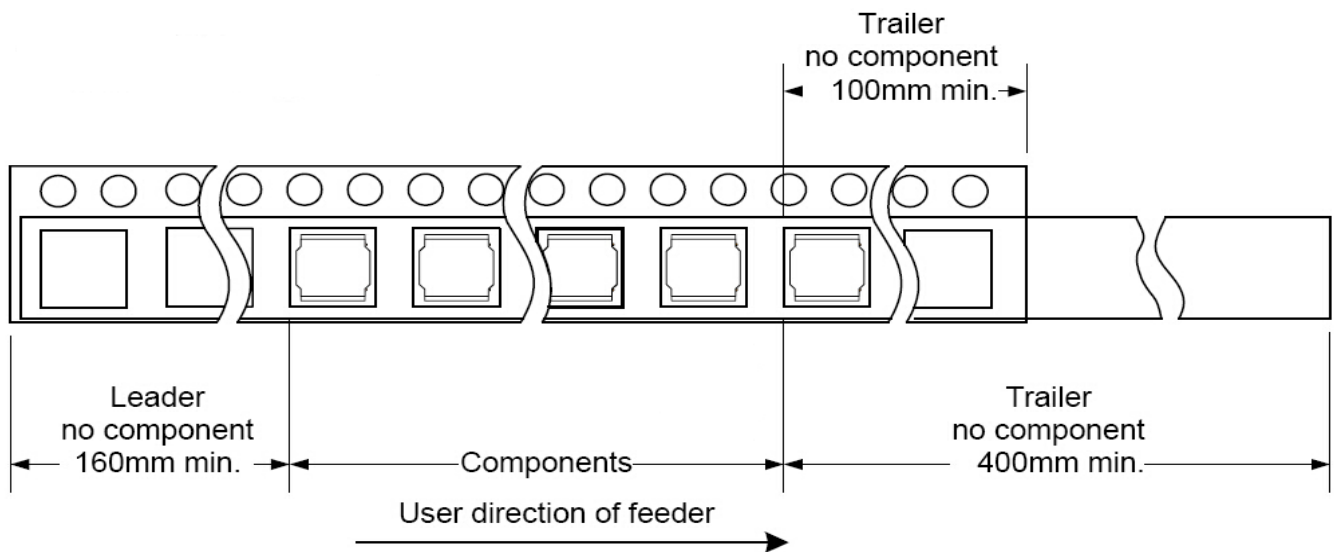
TYPE	W	A	B	C	D	E	P	K Ref	T	MPQ
YSPI0630	16±0.3	6.3±0.1	6.80±0.1	6.75	7.5±0.1	3.9±0.1	12±0.1	3.2	0.35±0.10	1000

Reel Dimensions(Unit:mm)

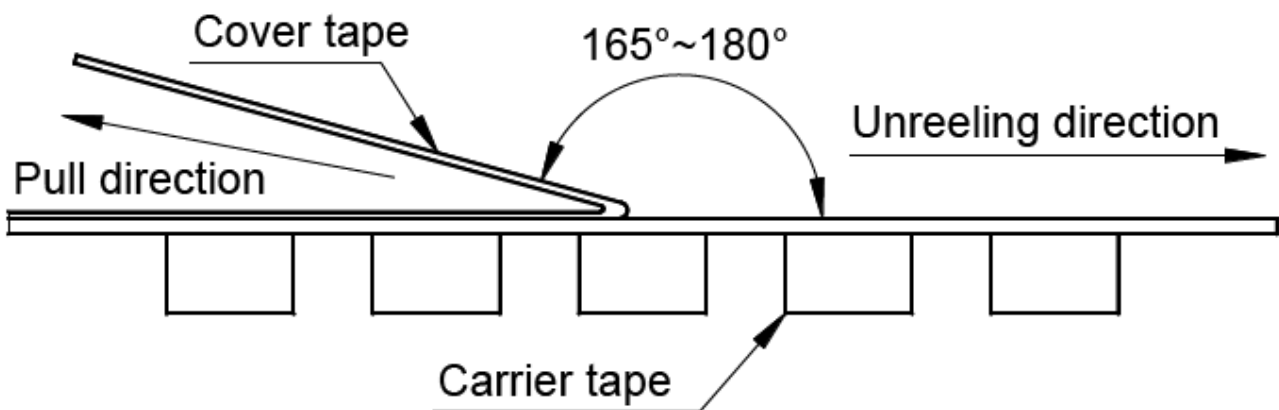


TYPE	W	W1	W2	W3	A	B	C	D
YSPI0630	330±2.0	16.4±1.50	22.4MAX	15.9 Min	13.0±0.50	21.0±0.80	2.0±0.50	100 Min

■ Direction of rolling



■ Cover tape peel off condition



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

Reference peel speed 300 ± 10 mm/min.