

■ 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

<u>YSPI</u>	<u>□□□□</u>	—	<u>□□□</u>	<u>□</u>
(1)	(2)		(3)	(4)

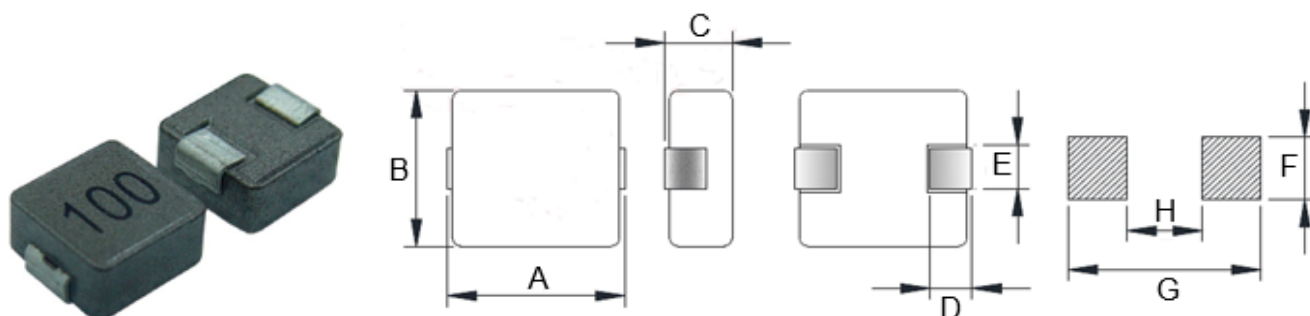
(1) : Type

(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.
YSPI0720	7.3±0.5	6.6±0.5	2.0	1.5±0.5	3.0±0.3	3.4	7.3	3.7

■ YSPI0720 Series

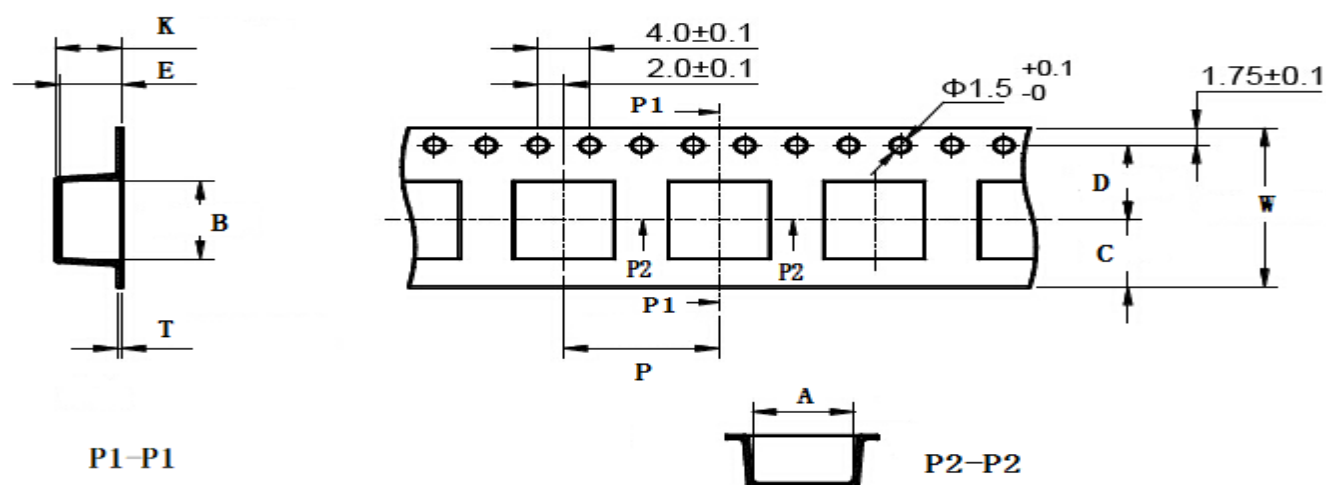
Part Number	Inductance (uH) @100KHz	DC Resistance (mΩ)		Heat Rating Current (A)	Saturation Current (A)
		Typ.	Max.		
YSPI0720-R36□	0.36	7	9	14.0	20.0
YSPI0720-R68□	0.68	11	14	8.0	18.0
YSPI0720-1R0□	1.00	16	21	7.0	14.0
YSPI0720-1R5□	1.50	17	20	7.0	10.0
YSPI0720-2R2□	2.20	33	43	5.0	9.0
YSPI0720-3R3□	3.30	44	57	4.0	8.0
YSPI0720-4R7□	4.70	70	91	3.5	5.0
YSPI0720-5R6□	5.60	89	118	3.0	4.5
YSPI0720-6R8□	6.80	100	120	2.5	4.0
YSPI0720-8R2□	8.20	168	217	2.2	3.5
YSPI0720-100□	10.0	188	224	2.0	3.5

※ 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℃)

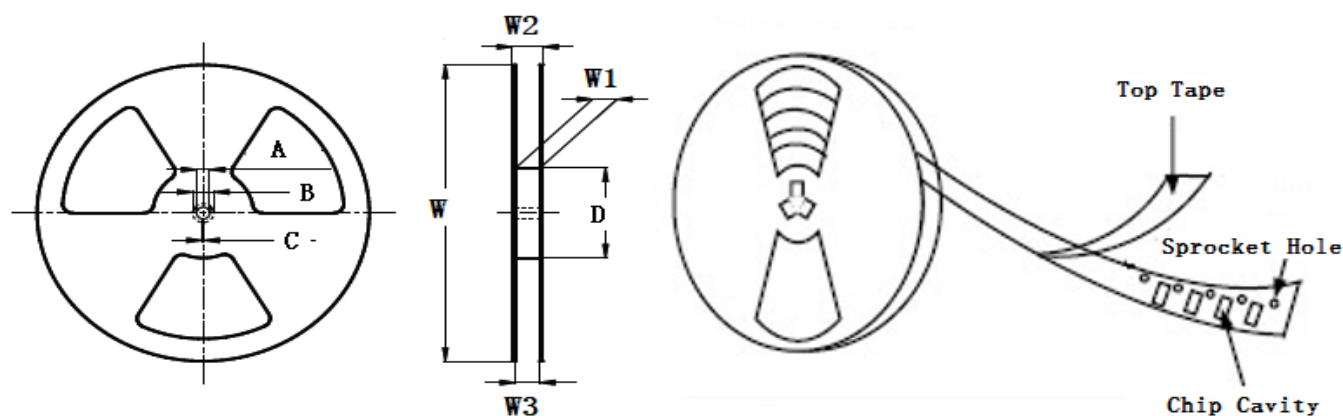
※ The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.

■ Taping Dimensions(Unit:mm)



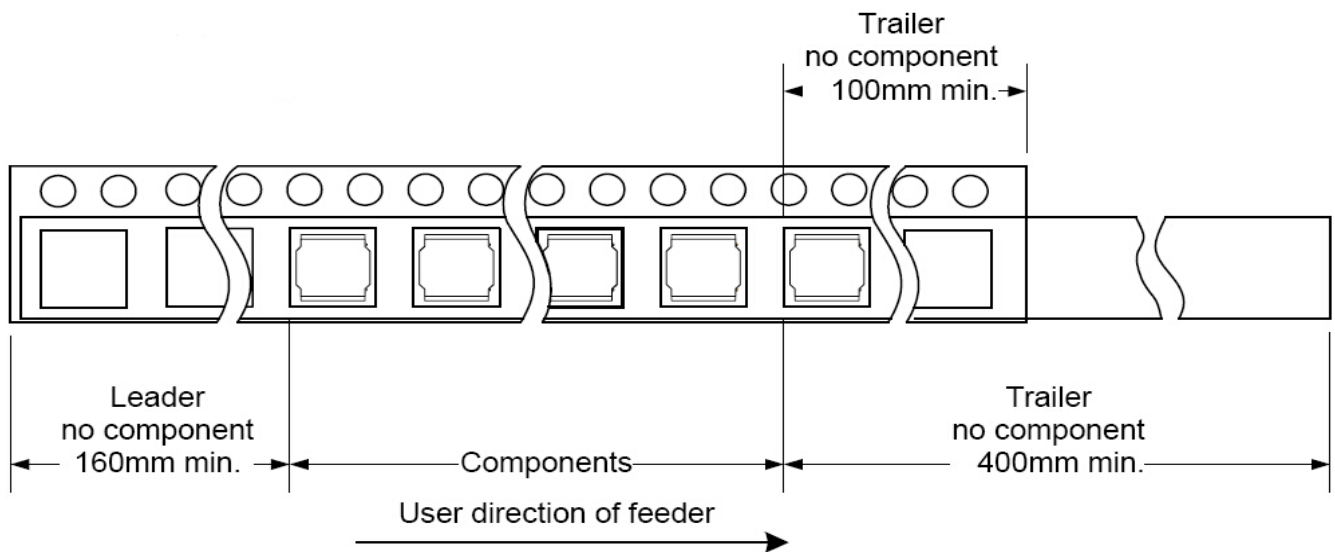
TYPE	W	A	B	C	D	E	P	K Ref	T	MPQ
YSPI0720	16±0.3	7.1±0.1	7.30±0.1	6.75	7.5±0.1	1.9±0.1	12±0.1	2.1	0.40±0.05	2000

■ Reel Dimensions(Unit:mm)

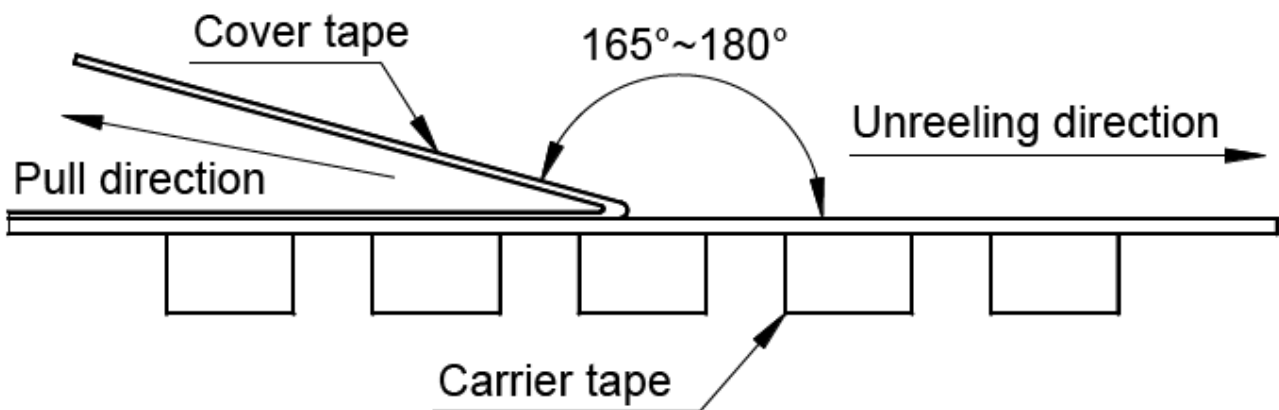


TYPE	W	W1	W2	W3	A	B	C	D
YSPI0720	330±2.0	24.4±1.50	30.4MAX	23.9 Min	13.0±0.50	21.0±0.80	2.0±0.50	100 Min

■ Direction of rolling



■ Cover tape peel off condition



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

Reference peel speed 300 ± 10 mm/min.