■ 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)

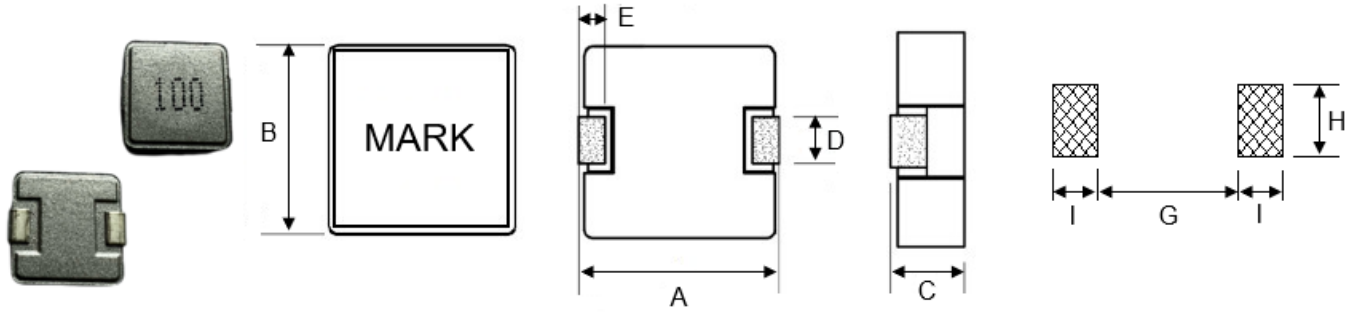
(1)： Type

(2)： Dimensions

(3)： Inductance value

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

■ Shapes and Dimensions (Unit： mm)



TYPE	A	B	C Max.	D	E	G Ref.	H Ref.	I Ref.
YSPI1365Y	13.2±1.0	12.6±0.3	6.5	3.5±0.3 Flatten OR 3.8±0.3	2.5±0.5	8.0	5.0	3.5

■ YSPI1365Y Series

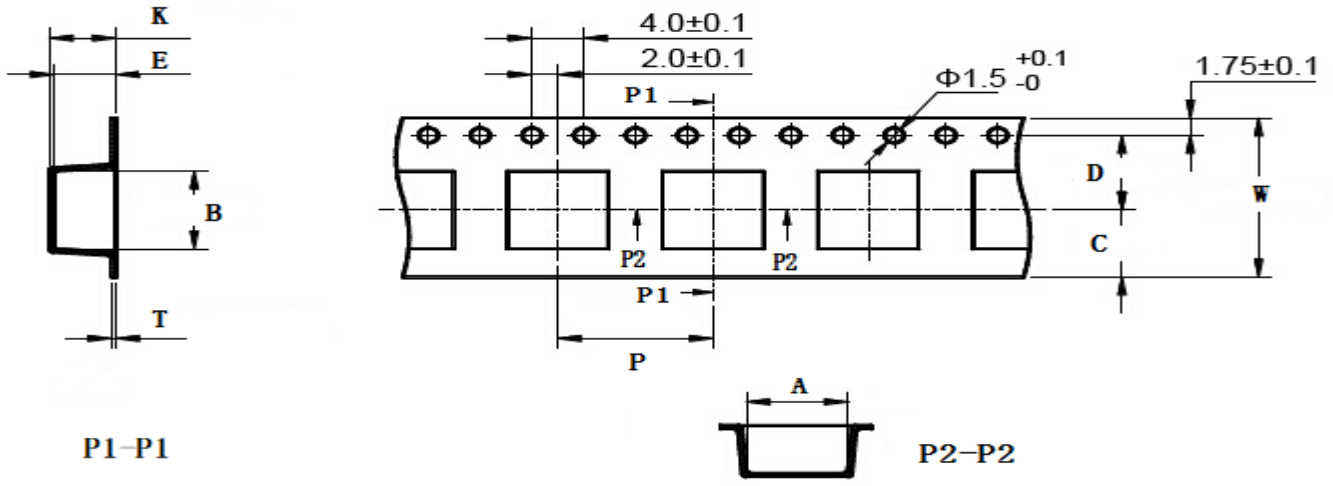
Part Number	Inductance (uH) @100KHz	DC Resistance (mΩ)		Heat Rating Current (A)	Saturation Current (A)
		Typ.	Max.		
YSPI1365Y-R47M	0.47±20%	0.85	1.00	36.0	50.0
YSPI1365Y-1R0M	1.0±20%	1.40	1.80	25.0	36.0
YSPI1365Y-1R2M	1.2±20%	2.00	2.50	22.0	34.0
YSPI1365Y-1R5M	1.5±20%	21.0	2.60	20.0	30.0
YSPI1365Y-2R2M	2.2±20%	3.60	4.50	18.0	26.0
YSPI1365Y-3R3M	3.3±20%	5.00	6.00	16.0	24.0
YSPI1365Y-4R7M	4.7±20%	6.50	8.50	15.0	22.0
YSPI1365Y-5R6M	5.6±20%	8.50	10.50	13.0	20.0
YSPI1365Y-6R8M	6.8±20%	8.50	10.50	11.0	18.0
YSPI1365Y-8R2M	8.2±20%	10.00	12.50	10.0	16.0
YSPI1365Y-100M	10±20%	11.20	13.50	9.0	14.0
YSPI1365Y-150M	15±20%	20.00	23.00	7.0	12.0
YSPI1365Y-220M	22±20%	31.50	38.00	6.5	10.0
YSPI1365Y-330M	33±20%	44.00	52.00	6.0	9.0
YSPI1365Y-470M	47±20%	59.00	68.00	5.0	6.0
YSPI1365Y-560M	56±20%	82.00	93.00	4.5	6.0
YSPI1365Y-680M	68±20%	87.00	98.00	4.0	5.0
YSPI1365Y-820M	82±20%	96.00	108.0	3.5	4.5
YSPI1365Y-101M	100±20%	102.0	118.0	3.0	4.0
YSPI1365Y-121M	120±20%	156.0	180.0	2.8	4.0
YSPI1365Y-151M	150±20%	260.0	286.0	2.5	4.0
YSPI1365Y-201M	200±20%	330.0	365.0	2.0	3.2
YSPI1365Y-221M	220±20%	340.0	370.0	1.8	3.0
YSPI1365Y-331M	330±20%	455.0	485.0	1.5	2.5
YSPI1365Y-401M	400±20%	653.0	700.0	1.3	2.0

※ 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℃)

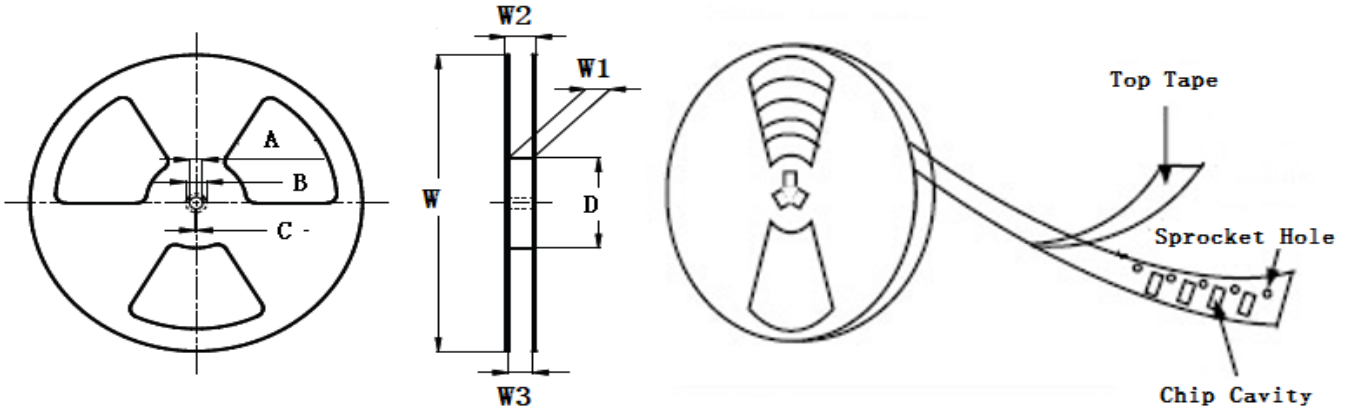
※ The rated current is the DC current value that satisfies both of current value saturation current value and temperature rise current value.

■ Taping Dimensions(Unit:mm)



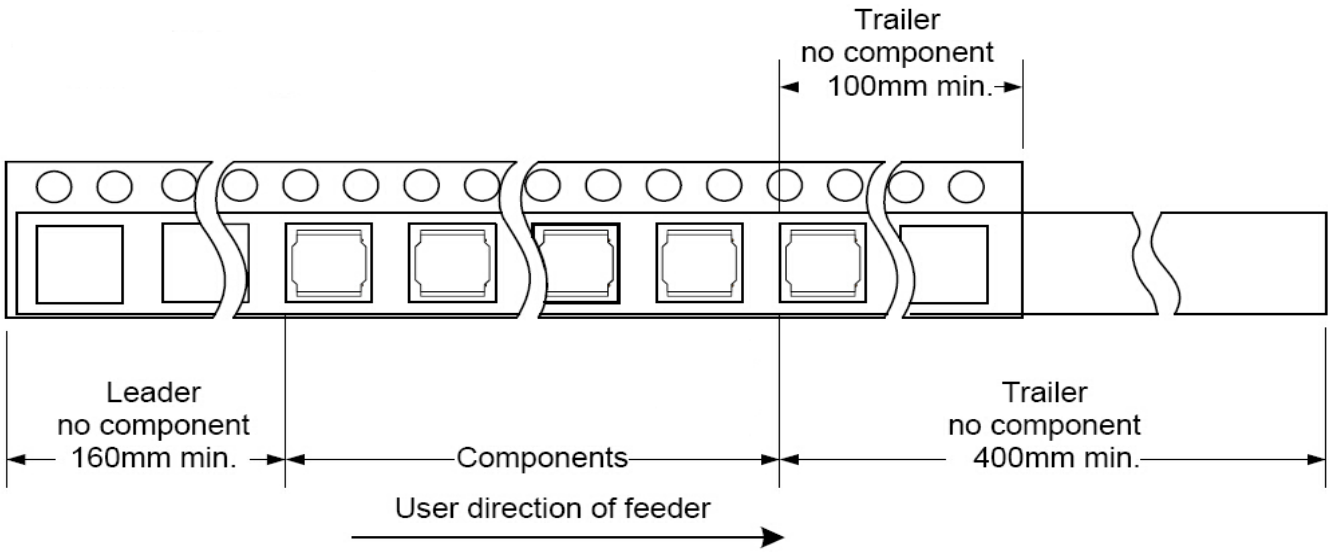
TYPE	W	A	B	C	D	E	P	K Ref	T	MPQ
YSPI1365Y	24±0.3	10.6±0.1	11.3±0.1	10.75	11.5±0.1	4.4±0.1	16±0.1	4.6	0.40±0.05	400

■ Reel Dimensions(Unit:mm)

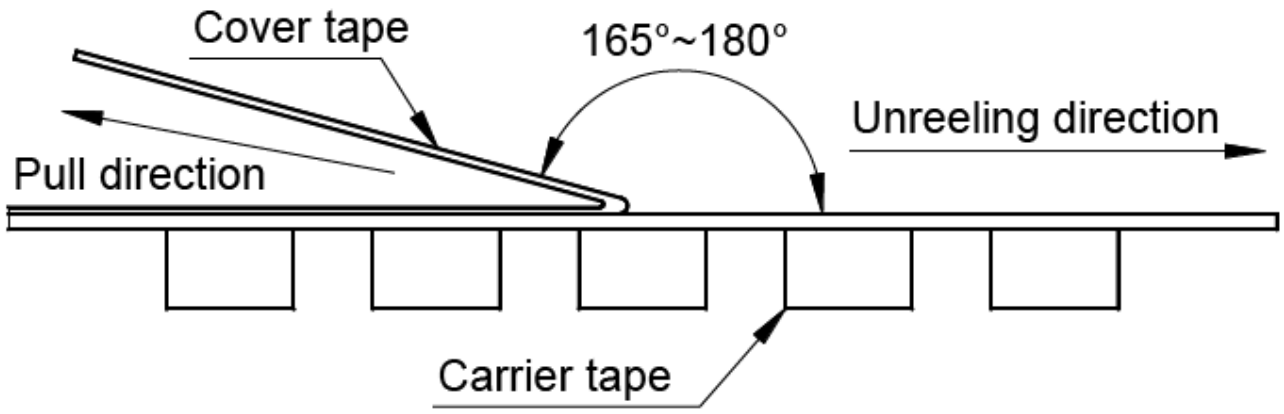


TYPE	W	W1	W2	W3	A	B	C	D
YSPI1365Y	330±2.0	24.4±1.5	30.4MAX	23.9 Min	13.0±0.50	21.0±0.80	2.0±0.50	100 Min

■ 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.