

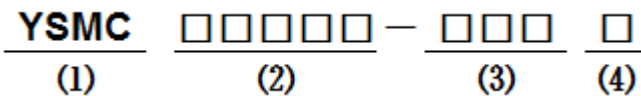
■ Features

- Molding Inductor.
- Low Profile,Low Temp.
- Large Current.
- Customize For Different Need.
- Operating temperature:-55℃ ~ +125℃(Including self - temperature rise).

■ Applications

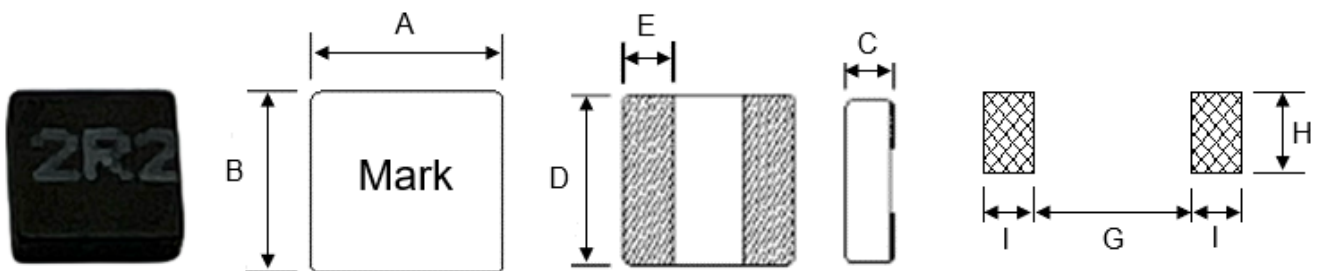
- General Electronic.
- Video Device,TV,TFT.
- Power Module for PC.
- NB/Lap Top Computer.
- Server,VGA Card/Module.

■ Product Identification



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

■ Shapes and Dimensions (Unit: mm)



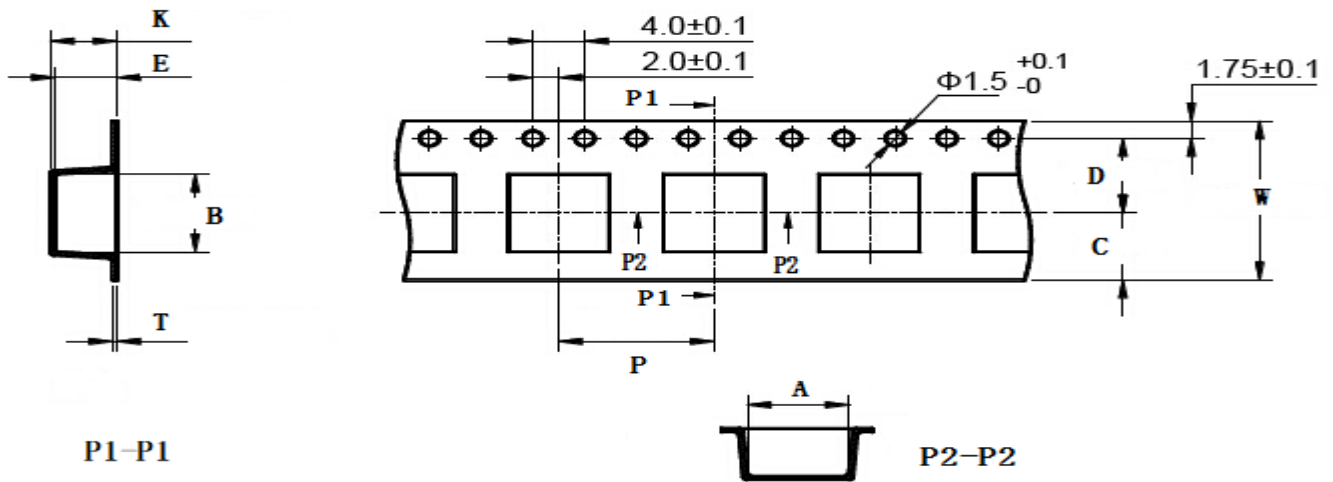
TYPE	A	B	C Max.	D	E	G Ref.	H Ref.	I Ref.
YSMC0415V	4.0±0.3	4.0±0.3	1.5	4.0±0.3	1.2+0.3/-0.2	1.5	4.3	1.5

■ Electrical Characteristic

Part Number	Inductance (uH) @100KHz	DC Resistance (mΩ)		Heat Rating Current (A)	Saturation Current (A)
		Typ.	Max.		
YSMC0415V-2R2M	2.2 ± 20%	35.0	39.8	6.0	6.5

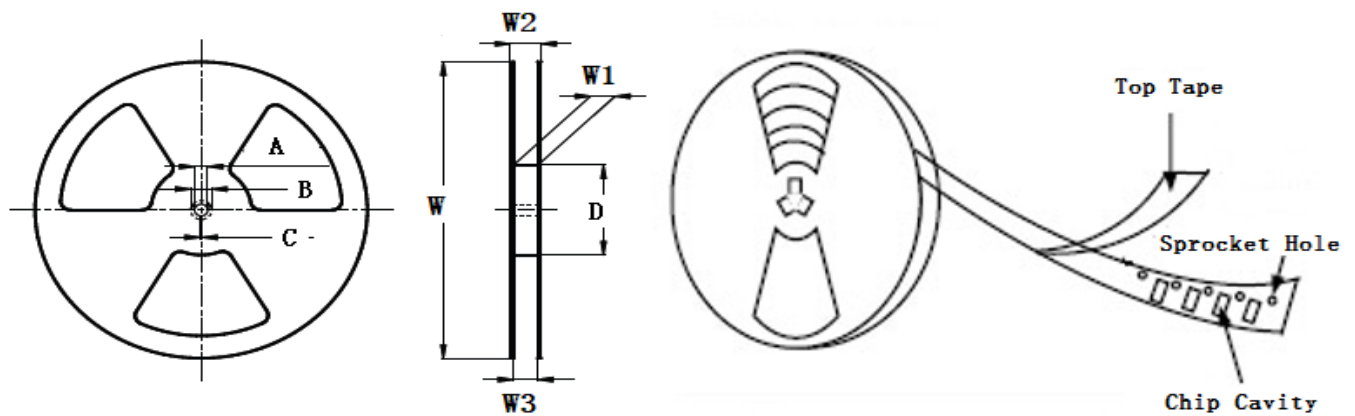
- ※ The saturation current value is the DC current value having inductance decrease down to 30%. (at 20°C)
- ※ The temperature rise current value is the DC current value having temperature increase up to 40°C. (at 20°C)
- ※ The rated current is the DC current value that satisfies both of current value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

■ Taping Dimensions(Unit:mm)



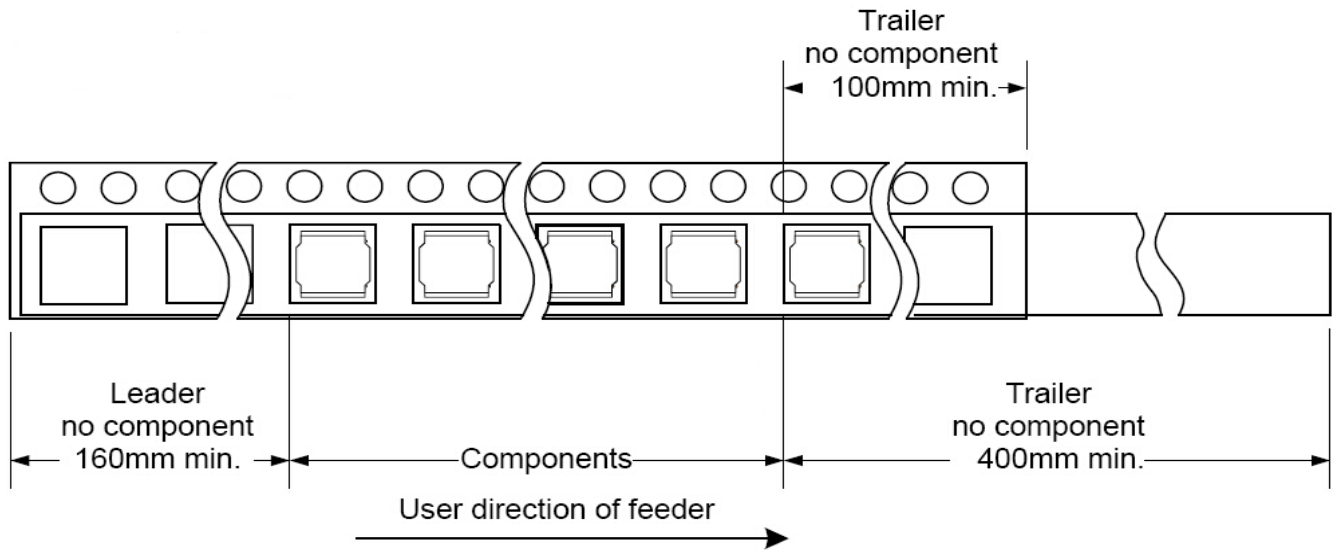
TYPE	W	A	B	C	D	E	P	K Ref	T	MPQ
YSMC0415V	12±0.3	4.3±0.1	5.10±0.1	4.75	5.5±0.1	2.1±0.1	8±0.1	2.2	0.30±0.05	3000

■ Reel Dimensions(Unit:mm)

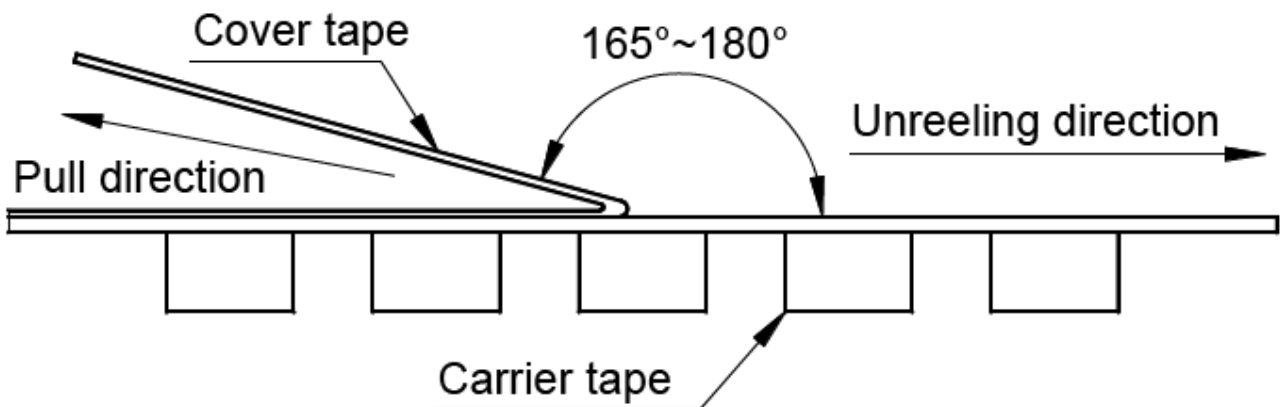


TYPE	W	W1	W2	W3	A	B	C	D
YSMC0415V	330±2.0	12.4±1.50	18.4MAX	11.9Min	13.0±0.50	21.0±0.80	2.0±0.50	100 Min

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.