

# Wire-wound Ferrite Bead Inductors for Power Lines LSMC/LSMG/LAMG/LCMC/LCMG/LBMC/LBMG/LLMC/LLMG/LMMC/LMMG series

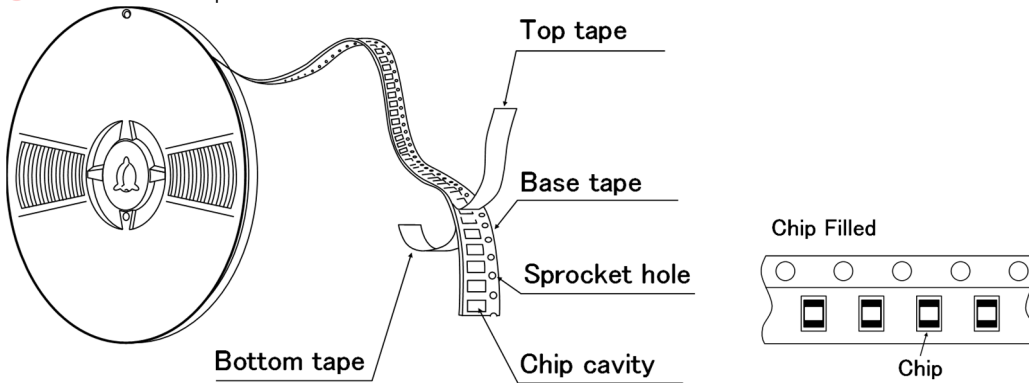
## PACKAGING

### ① Minimum Quantity

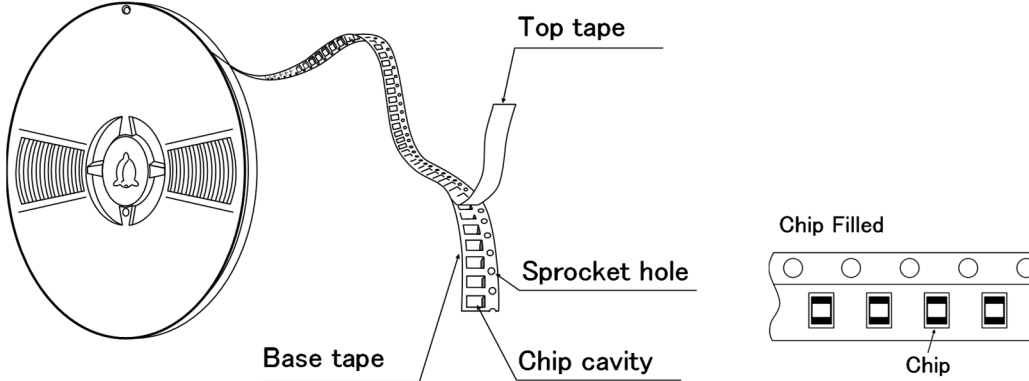
Type	Standard Quantity [pcs]	
	Paper Tape	Embossed Tape
1608(0603)	4000	—
2125(0805)	4000	—
2012(0805)	4000	—
2016(0806)	—	2000
3216(1206)	—	2000
3225(1210)	—	1000
4516(1806)	—	2000
4525(1810)	—	1000
4532(1812)	—	2000

### ② Tape Material

#### ● Card board carrier tape

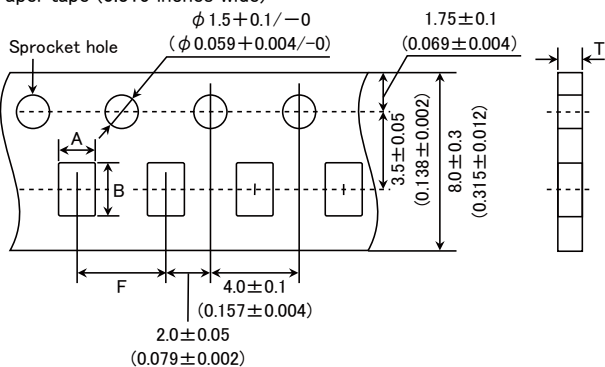


#### ● Embossed tape



### ③ Taping Dimensions

#### ● Paper tape (0.315 inches wide)

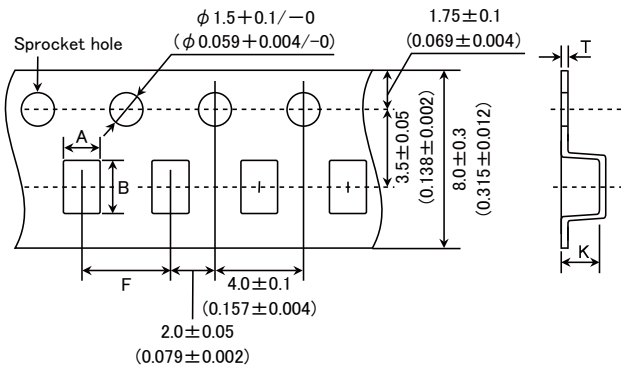


► This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification. For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>).

Type	Chip Cavity		Insertion Pitch	Tape Thickness
	A	B		
1608 (0603)	1.0±0.2 (0.039±0.008)	1.8±0.2 (0.071±0.008)	4.0±0.2 (0.157±0.008)	1.1max (0.043max)
2012 (0805)	1.5±0.2 (0.059±0.008)	2.3±0.2 (0.091±0.008)	4.0±0.2 (0.157±0.008)	1.1max (0.043max)

Unit : mm (inch)

● Embossed tape (0.315 inches wide)



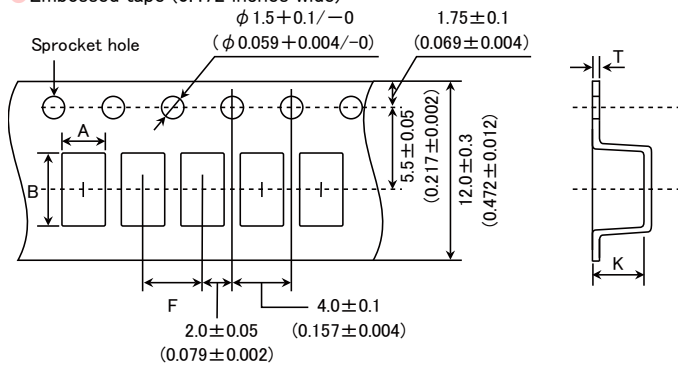
Type	Chip Cavity		Insertion Pitch	Tape Thickness	
	A	B		K	T
2016 (0806)	1.8±0.2 (0.071±0.008)	2.2±0.2 (0.087±0.008)	4.0±0.2 (0.157±0.008)	2.6max (0.102max)	0.6max (0.024max)
3216 *1 (1206)	1.9±0.2 (0.075±0.008)	3.5±0.2 (0.138±0.008)	4.0±0.2 (0.157±0.008)	1.5max (0.059max)	0.3max (0.012max)
3216 *2 (1206)	1.9±0.2 (0.075±0.008)	3.5±0.2 (0.138±0.008)	4.0±0.2 (0.157±0.008)	2.6max (0.102max)	0.6max (0.024max)
3225 (1210)	2.8±0.2 (0.110±0.008)	3.5±0.2 (0.138±0.008)	4.0±0.2 (0.157±0.008)	4.0max (0.157max)	0.6max (0.024max)

Unit : mm (inch)

\*1 LSMC/LCMC/LBMC/LLMC/LMMC

\*2 LSMG/LAMG/LCMG/LBMG/LLMG/LMMG

● Embossed tape (0.472 inches wide)



Type	Chip Cavity		Insertion Pitch	Tape Thickness	
	A	B		K	T
4516 *1 (1806)	1.9±0.2 (0.075±0.008)	4.9±0.2 (0.193±0.008)	4.0±0.2 (0.157±0.008)	1.5max (0.059max)	0.3max (0.012max)
4516 *2 (1806)	1.9±0.2 (0.075±0.008)	4.9±0.2 (0.193±0.008)	4.0±0.2 (0.157±0.008)	2.6max (0.102max)	0.6max (0.024max)
4525 (1810)	2.9±0.2 (0.114±0.008)	4.9±0.2 (0.193±0.008)	4.0±0.2 (0.157±0.008)	4.0max (0.157max)	0.6max (0.024max)
4532 (1812)	3.6±0.2 (0.142±0.008)	4.9±0.2 (0.193±0.008)	8.0±0.2 (0.315±0.008)	4.0max (0.157max)	0.6max (0.024max)

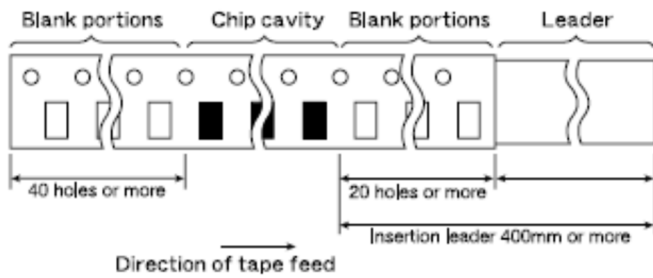
Unit : mm (inch)

\*1 LSMC/LCMC/LBMC/LLMC/LMMC

\*2 LSMG/LAMG/LCMG/LBMG/LLMG/LMMG

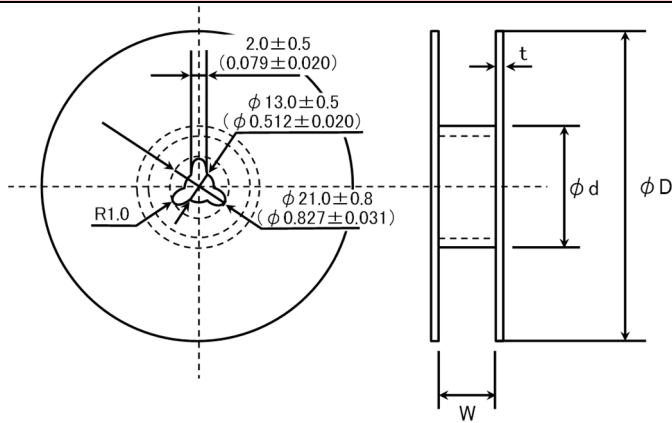
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#### ④ Leader and Blank portion



Insertion leader is 400 mm or more (including 20 empty cavities)  
 Empty cavities at end of reel: 40 holes or more

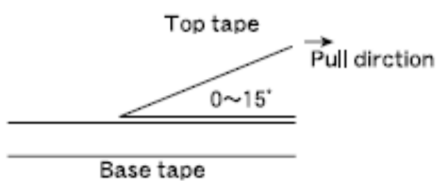
#### ⑤ Reel size



Type	$\phi D$	$\phi d$	W	t
1608(0603) 2012(0805) 2016(0806) 3216(1206) 3225(1210)	180+0/-3 (7.09+0/-0.118)	60+1/-0 (2.36+0.039/-0)	10.0±1.5 (0.394±0.059)	2.5max (0.098max)
4516(1806) 4525(1810)			14.0±1.5 (0.551±0.059)	
4532(1812)	330±2.0 (12.99±0.080)	100±1.0 (3.94±0.039)	14.0±2.0 (0.551±0.080)	3.0max (1.181max)

Unit : mm (inch)

#### ⑥ Top tape strength



The top tape requires a peel-off force of 0.1 to 1.0N (0.315 inches wide) / 0.1 to 1.3N (0.472 inches wide) in the direction of the arrow as illustrated below.