

Multilayer Metal Power Inductors MCOIL™ LSCN/LCCN/LBCN/LLCN/LMCN series

PACKAGING

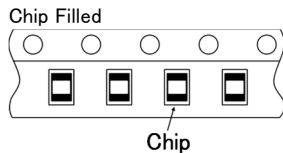
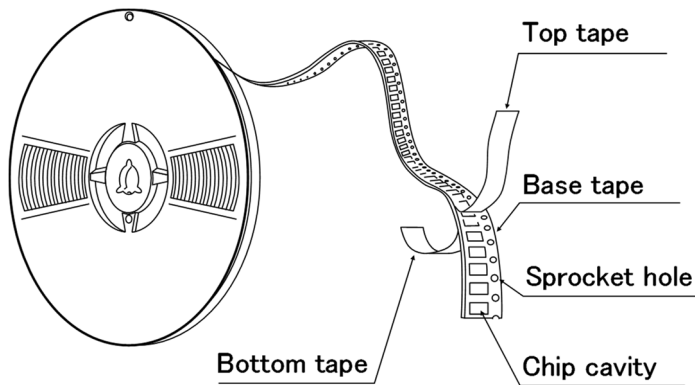
① Minimum Quantity

● Tape & Reel Packaging

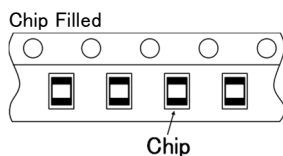
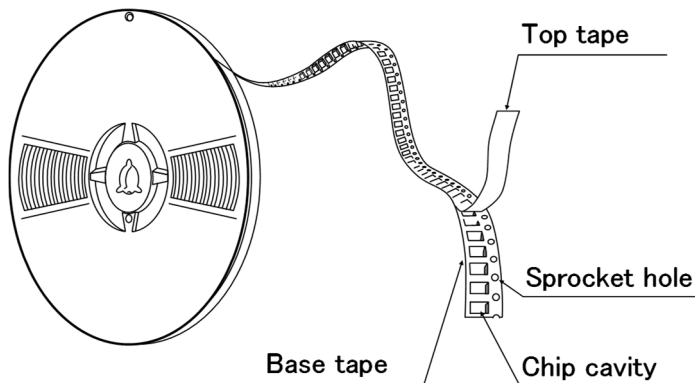
Type	Thickness		Standard Quantity [pcs]	
	Code	mm (inch)	Paper Tape	Embossed Tape
1005 (0402)	EE	0.55 max (0.022 max)	10000	—
1210 (0504)	EK	0.5 max (0.020 max)	5000	—
1412 (0505)	FE	0.65 max (0.026 max)	4000	—
1608 (0603)	FK	0.6 max (0.024 max)	4000	—
1608 (0603)	FE	0.65 max (0.026 max)	4000	—
1608 (0603)	HK	0.8 max (0.031 max)	4000	—
1608 (0603)	KK	1.0 max (0.039 max)	—	3000
2012 (0806)	HK	0.8 max (0.031 max)	4000	—
2012 (0805)	KK	1.0 max (0.039 max)	—	3000
2016 (0806)	FE	0.65 max (0.026 max)	4000	—

② Taping material

● Card board carrier tape 1005/1210/1412/1608/2012/2016 type



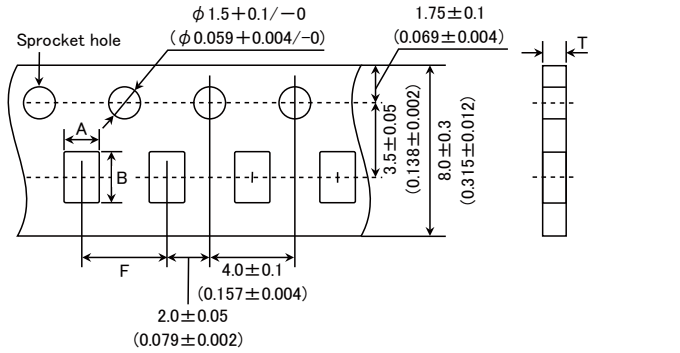
● Embossed Tape 1608/2012 type



▶ 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/>).

③ Taping Dimensions

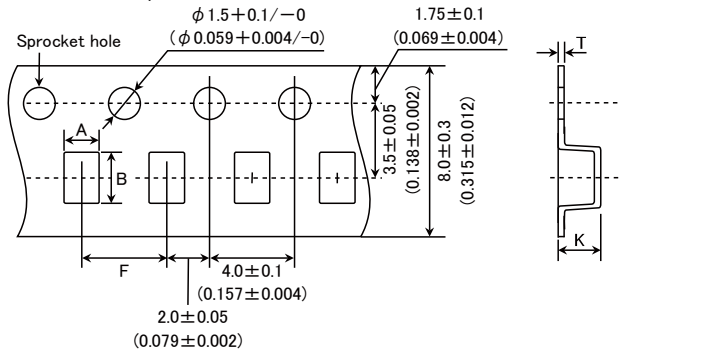
● Paper tape (8mm wide)



Type	Thickness		Chip cavity		Insertion Pitch	Tape Thickness	
	Code	mm (inch)	A	B	F	T	
1005 (0402)	EE	0.55 max (0.021 max)	0.8 (0.031)	1.3 (0.051)	2.0 ± 0.05 (0.079 ± 0.002)	0.64max (0.025max)	
1210 (0504)	EK	0.5 max (0.020 max)	1.3 (0.051)	1.55 (0.061)	4.0 ± 0.1 (0.157 ± 0.004)	0.64max (0.025max)	
1412 (0505)	FE	0.65 max (0.026 max)	1.6 (0.063)	1.8 (0.071)	4.0 ± 0.1 (0.157 ± 0.004)	0.72max (0.028max)	
1608 (0603)	FK	0.6 max (0.024 max)	1.1 (0.043)	1.9 (0.075)	4.0 ± 0.1 (0.157 ± 0.004)	0.72max (0.028max)	
1608 (0603)	FE	0.65 max (0.026 max)	1.1 (0.043)	1.9 (0.075)	4.0 ± 0.1 (0.157 ± 0.004)	0.72max (0.028max)	
1608 (0603)	HK	0.8 max (0.031 max)	1.2 (0.047)	2.0 (0.079)	4.0 ± 0.1 (0.157 ± 0.004)	0.9max (0.035max)	
2012 (0805)	HK	0.8 max (0.031 max)	1.65 (0.065)	2.4 (0.094)	4.0 ± 0.1 (0.157 ± 0.004)	0.9max (0.035max)	
2016 (0806)	FE	0.65 max (0.026 max)	1.95 (0.077)	2.3 (0.091)	4.0 ± 0.1 (0.157 ± 0.004)	0.72max (0.028max)	

Unit : mm (inch)

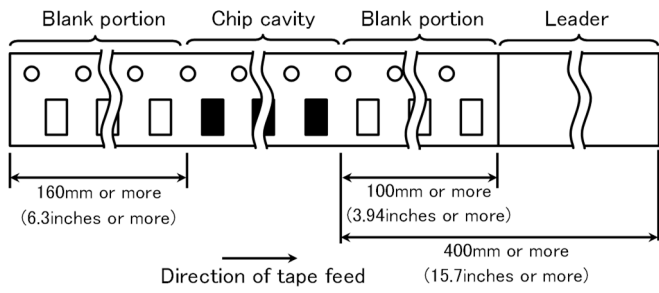
● Embossed Tape (8mm wide)



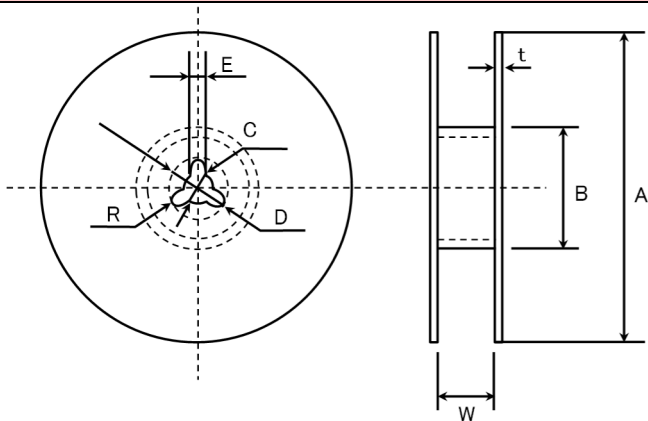
Type	Thickness		Chip cavity		Insertion Pitch	Tape Thickness	
	Code	mm (inch)	A	B	F	K	T
1608 (0603)	KK	1.0 max (0.039 max)	1.15 (0.045)	1.95 (0.077)	4.0 ± 0.1 (0.157 ± 0.004)	1.5 max (0.059 max)	0.3 max (0.012 max)
2012 (0805)	KK	1.0 max (0.039 max)	1.55 (0.061)	2.35 (0.093)	4.0 ± 0.1 (0.157 ± 0.004)	1.5 max (0.059 max)	0.3 max (0.012 max)

Unit : mm (inch)

④ LEADER AND BLANK PORTION



⑤ Reel Size



A	B	C	D	E	R
$\phi 178 \pm 2.0$	$\phi 50$ or more	$\phi 13.0 \pm 0.2$	$\phi 21.0 \pm 0.8$	2.0 ± 0.5	1.0

	t	W
4mm width tape	1.5max.	5 ± 1.0
8mm width tape	2.5max.	10 ± 1.5

(Unit : mm)

⑥ Top tape strength

The top tape requires a peel-off force of 0.1 to 1.0N in the direction of the arrow as illustrated below.

