



● FEATURES 特性

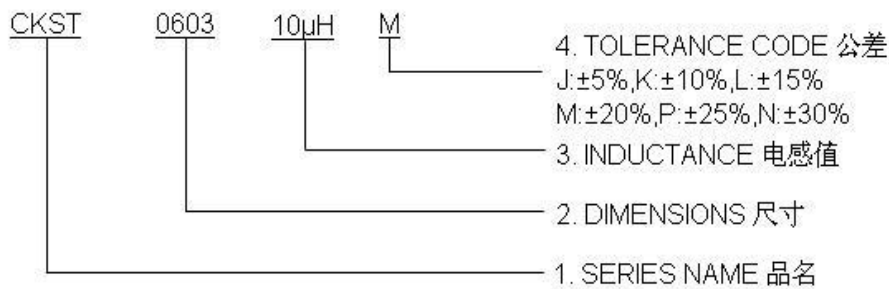
1. Shielded construction 屏蔽罩结构
2. High current rating up to DC 65Amp 高电流范围可到64A
3. High frequency rang up to 5MHz 宽频范围可到5MHz
4. Very low DC resistance 低值电流
5. Low noise 低损耗
6. ROHS compliant ROHS环保产品



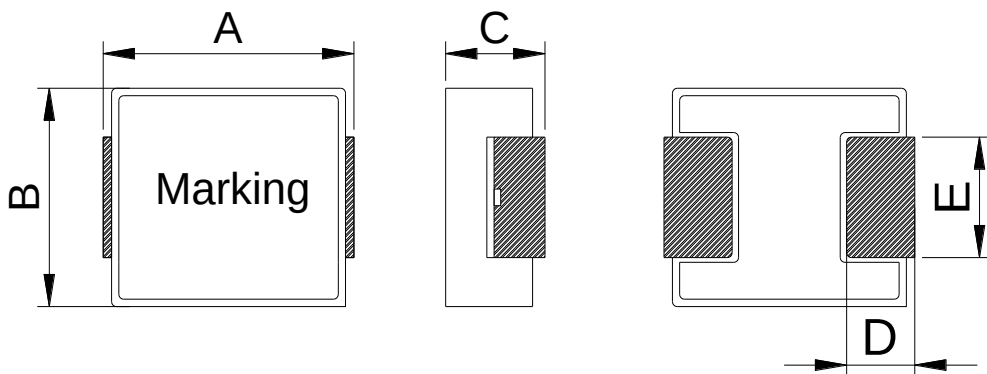
● APPLICATIONS 用途

1. PAD/Notebook/Desktop/Server applications PAD,笔记本电脑,台式机,服务器
2. DC/DC converter DC/DC转换器

● PART NUMBERING SYSTEM 品名系统



● SHAPES AND DIMENSIONS 外形尺寸 (Unit:mm)



TYPE(型号)	A	B	C	D	E
CKST0402	4.45 $\pm$ 0.25	4.06 $\pm$ 0.25	2.0 Max	0.76 $\pm$ 0.3	2.0 $\pm$ 0.2
CKST0502	5.49 $\pm$ 0.25	5.18 $\pm$ 0.25	2.0 Max	1.2 $\pm$ 0.3	2.3 $\pm$ 0.2
CKST0503	5.49 $\pm$ 0.25	5.18 $\pm$ 0.25	3.0 Max	1.2 $\pm$ 0.3	2.3 $\pm$ 0.2
CKST0624	7.4 Max	6.6 $\pm$ 0.2	2.4 Max	1.5 $\pm$ 0.5	3.0 $\pm$ 0.2
CKST0603	7.4 Max	6.6 $\pm$ 0.2	3.0 Max	1.5 $\pm$ 0.5	3.0 $\pm$ 0.2
CKST0604	7.4 Max	6.6 $\pm$ 0.2	4.0 Max	1.5 $\pm$ 0.5	3.0 $\pm$ 0.2
CKST0605	7.4 Max	6.6 $\pm$ 0.2	5.0 Max	1.5 $\pm$ 0.5	3.0 $\pm$ 0.2
CKST1004	10.5 $\pm$ 1.0	10.3 $\pm$ 0.2	4.0 Max	2.0 $\pm$ 0.5	3.0 $\pm$ 0.3
CKST1005	10.5 $\pm$ 1.0	10.3 $\pm$ 0.2	5.0 Max	2.0 $\pm$ 0.5	3.0 $\pm$ 0.3
CKST1205	13.2 $\pm$ 1.0	12.8 $\pm$ 0.5	5.0 Max	2.5 $\pm$ 0.5	3.8 $\pm$ 0.2
CKST1206	13.2 $\pm$ 1.0	12.8 $\pm$ 0.5	6.0 Max	2.5 $\pm$ 0.5	3.8 $\pm$ 0.2



● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max.) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0402-0.1uH/M	0.1 $\pm$ 20%	4.0	22.0	12.0
CKST0402-0.22uH/M	0.22 $\pm$ 20%	6.6	12.5	9.0
CKST0402-0.47uH/M	0.47 $\pm$ 20%	25.0	10.5	7.0
CKST0402-0.56uH/M	0.56 $\pm$ 20%	27.0	10.0	6.5
CKST0402-0.68uH/M	0.68 $\pm$ 20%	29.0	8.0	5.2
CKST0402-1.0uH/M	1.0 $\pm$ 20%	30.0	7.0	4.5
CKST0402-1.2uH/M	1.2 $\pm$ 20%	30.0	7.0	4.5
CKST0402-1.5uH/M	1.5 $\pm$ 20%	46.0	6.0	4.0
CKST0402-2.2uH/M	2.2 $\pm$ 20%	58.0	5.0	3.0
CKST0402-3.3uH/M	3.3 $\pm$ 20%	87.0	4.0	2.5
CKST0402-4.7uH/M	4.7 $\pm$ 20%	105.0	3.5	2.2

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0502-0.1uH/M	0.1 $\pm$ 20%	2.9	25.0	21.0
CKST0502-0.22uH/M	0.22 $\pm$ 20%	4.5	17.0	13.0
CKST0502-0.33uH/M	0.33 $\pm$ 20%	5.9	13.0	7.5
CKST0502-0.47uH/M	0.47 $\pm$ 20%	7.7	12.5	7.3
CKST0502-1.0uH/M	1.0 $\pm$ 20%	18.1	7.5	7.0
CKST0502-2.2uH/M	2.2 $\pm$ 20%	37.7	5.5	5.0
CKST0502-3.3uH/M	3.3 $\pm$ 20%	68.0	4.7	4.1
CKST0502-4.7uH/M	4.7 $\pm$ 20%	81.3	3.2	3.0
CKST0502-5.6uH/M	5.6 $\pm$ 20%	92.0	3.0	2.2
CKST0502-6.8uH/M	6.8 $\pm$ 20%	121.0	2.8	2.1
CKST0502-10uH/M	10 $\pm$ 20%	220.0	2.2	2.0

Remark: ● Inductance Tested at 100kHz,1Vrms (20℃)

● IDC: DC current at which the inductance drops approximate 30% from its value without current

● Operating Temperature : -25℃ ~ +125℃

● Measure Equipment:

INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A



● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0503-0.68uH/M	0.68 $\pm$ 20%	12.0	14.0	8.5
CKST0503-1.0uH/M	1.0 $\pm$ 20%	14.0	11.0	7.0
CKST0503-1.2uH/M	1.2 $\pm$ 20%	16.0	10.5	6.5
CKST0503-1.5uH/M	1.5 $\pm$ 20%	25.0	10.0	6.0
CKST0503-2.2uH/M	2.2 $\pm$ 20%	35.0	9.0	5.5
CKST0503-3.3uH/M	3.3 $\pm$ 20%	38.0	7.0	5.0
CKST0503-4.7uH/M	4.7 $\pm$ 20%	60.0	5.0	3.0

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0624-0.47uH/M	0.47 $\pm$ 20%	6.5	19.0	14.0
CKST0624-0.68uH/M	0.68 $\pm$ 20%	9.4	18.0	11.5
CKST0624-0.82uH/M	0.82 $\pm$ 20%	11.8	16.0	10.5
CKST0624-1.0uH/M	1.0 $\pm$ 20%	14.2	15.0	10.0
CKST0624-1.5uH/M	1.5 $\pm$ 20%	21.2	13.0	8.0
CKST0624-2.2uH/M	2.2 $\pm$ 20%	34.0	12.0	7.0
CKST0624-3.3uH/M	3.3 $\pm$ 20%	51.6	9.0	5.5
CKST0624-4.7uH/M	4.7 $\pm$ 20%	63.0	7.5	5.0
CKST0624-6.8uH/M	6.8 $\pm$ 20%	95.0	6.0	4.0
CKST0624-8.2uH/M	8.2 $\pm$ 20%	106.0	5.0	3.5
CKST0624-10uH/M	10 $\pm$ 20%	129.0	4.0	3.1

Remark: ● Inductance Tested at 100kHz,1Vrms (20℃)

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● Measure Equipment:

INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A



● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0603-0.1uH/M	0.1 $\pm$ 20%	1.7	60.0	32.5
CKST0603-0.2uH/M	0.2 $\pm$ 20%	3.0	34.0	24.0
CKST0603-0.33uH/M	0.33 $\pm$ 20%	3.5	25.0	21.0
CKST0603-0.47uH/M	0.47 $\pm$ 20%	4.1	20.0	18.0
CKST0603-0.68uH/M	0.68 $\pm$ 20%	5.3	17.0	16.0
CKST0603-0.82uH/M	0.82 $\pm$ 20%	6.0	16.0	14.0
CKST0603-1.0uH/M	1.0 $\pm$ 20%	9.2	15.0	12.0
CKST0603-1.5uH/M	1.5 $\pm$ 20%	12.1	14.0	10.0
CKST0603-2.2uH/M	2.2 $\pm$ 20%	15.0	10.0	8.0
CKST0603-3.3uH/M	3.3 $\pm$ 20%	22.0	9.5	6.5
CKST0603-4.7uH/M	4.7 $\pm$ 20%	38.0	6.5	5.5
CKST0603-5.6uH/M	5.6 $\pm$ 20%	46.0	6.3	5.0
CKST0603-6.8uH/M	6.8 $\pm$ 20%	50.0	6.2	4.5
CKST0603-8.2uH/M	8.2 $\pm$ 20%	60.0	6.0	4.3
CKST0603-10uH/M	10 $\pm$ 20%	68.0	5.5	4.0
CKST0603-15uH/M	15 $\pm$ 20%	95.0	4.0	3.0
CKST0603-22uH/M	22 $\pm$ 20%	135.0	3.0	2.5

Remark: ● Inductance Tested at 100kHz,1Vrms (20℃)

● IDC: DC current at which the inductance drops approximate 30% from its value without current

● Operating Temperature : -25℃ ~ +125℃

● Measure Equipment:

INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A



● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0604-0.47uH/M	0.47 $\pm$ 20%	3.0	22.0	20.0
CKST0604-0.68uH/M	0.68 $\pm$ 20%	5.0	20.0	18.0
CKST0604-0.82uH/M	0.82 $\pm$ 20%	6.5	18.0	16.0
CKST0604-1.0uH/M	1.0 $\pm$ 20%	7.0	17.0	14.0
CKST0604-1.5uH/M	1.5 $\pm$ 20%	8.5	15.0	12.0
CKST0604-2.2uH/M	2.2 $\pm$ 20%	17.0	13.0	10.0
CKST0604-3.3uH/M	3.3 $\pm$ 20%	27.0	11.0	9.0
CKST0604-4.7uH/M	4.7 $\pm$ 20%	35.0	9.0	7.0
CKST0604-6.8uH/M	6.8 $\pm$ 20%	45.0	8.0	6.0
CKST0604-8.2uH/M	8.2 $\pm$ 20%	50.0	7.0	5.0
CKST0604-10uH/M	10 $\pm$ 20%	58.0	6.0	4.0

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST0605-0.22uH/M	0.22 $\pm$ 20%	1.3	35.0	30.0
CKST0605-0.36uH/M	0.36 $\pm$ 20%	3.1	25.0	21.0
CKST0605-0.47uH/M	0.47 $\pm$ 20%	3.75	21.0	20.0
CKST0605-0.56uH/M	0.56 $\pm$ 20%	3.6	20.0	18.0
CKST0605-0.68uH/M	0.68 $\pm$ 20%	4.2	18.0	16.0
CKST0605-0.82uH/M	0.82 $\pm$ 20%	4.9	17.0	14.0
CKST0605-1.0uH/M	1.0 $\pm$ 20%	6.5	15.0	13.0
CKST0605-1.5uH/M	1.5 $\pm$ 20%	7.5	12.0	11.0
CKST0605-2.2uH/M	2.2 $\pm$ 20%	12.5	10.0	8.0
CKST0605-3.3uH/M	3.3 $\pm$ 20%	20.9	9.0	7.0
CKST0605-4.7uH/M	4.7 $\pm$ 20%	25.0	7.0	6.5
CKST0605-6.8uH/M	6.8 $\pm$ 20%	41.0	6.0	5.5
CKST0605-8.2uH/M	8.2 $\pm$ 20%	43.0	5.5	5.0
CKST0605-10uH/M	10 $\pm$ 20%	55.0	5.3	4.5
CKST0605-33uH/M	33 $\pm$ 20%	180.0	4.0	3.0
CKST0605-47uH/M	47 $\pm$ 20%	230.0	3.5	2.5
CKST0605-56uH/M	56 $\pm$ 20%	280.0	3.0	2.0



● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST1004-0.47uH/M	0.47 $\pm$ 20%	1.7	40.0	30.0
CKST1004-0.68uH/M	0.68 $\pm$ 20%	2.4	30.0	23.0
CKST1004-0.82uH/M	0.82 $\pm$ 20%	4.0	29.0	20.0
CKST1004-1.0uH/M	1.0 $\pm$ 20%	5.0	28.0	18.0
CKST1004-1.5uH/M	1.5 $\pm$ 20%	5.4	25.0	16.0
CKST1004-2.2uH/M	2.2 $\pm$ 20%	9.0	18.0	12.0
CKST1004-3.3uH/M	3.3 $\pm$ 20%	11.8	16.0	10.0
CKST1004-4.7uH/M	4.7 $\pm$ 20%	20.0	15.0	8.5
CKST1004-5.6uH/M	5.6 $\pm$ 20%	23.0	14.0	8.0
CKST1004-6.8uH/M	6.8 $\pm$ 20%	25.0	12.0	7.0
CKST1004-8.2uH/M	8.2 $\pm$ 20%	32.0	9.0	6.0
CKST1004-10uH/M	10 $\pm$ 20%	37.0	8.5	5.5
CKST1004-15uH/M	15 $\pm$ 20%	55.0	7.0	5.0
CKST1004-22uH/M	22 $\pm$ 20%	66.0	5.5	4.0
CKST1004-100uH/M	100 $\pm$ 20%	290.0	2.5	1.2

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST1005-0.82uH/M	0.82 $\pm$ 20%	7.0	39.0	22.0
CKST1005-1.0uH/M	1.0 $\pm$ 20%	7.5	32.0	17.5
CKST1005-1.2uH/M	1.2 $\pm$ 20%	7.9	29.0	19.5
CKST1005-1.5uH/M	1.5 $\pm$ 20%	8.0	27.5	15.0
CKST1005-2.2uH/M	2.2 $\pm$ 20%	10.0	21.5	12.0
CKST1005-3.3uH/M	3.3 $\pm$ 20%	14.0	16.8	10.0
CKST1005-4.7uH/M	4.7 $\pm$ 20%	23.6	16.5	9.5
CKST1005-5.6uH/M	5.6 $\pm$ 20%	25.0	15.0	8.5
CKST1005-6.8uH/M	6.8 $\pm$ 20%	30.0	14.0	8.0
CKST1005-8.2uH/M	8.2 $\pm$ 20%	35.0	12.5	7.0
CKST1005-10uH/M	10 $\pm$ 20%	38.0	11.5	6.8
CKST1005-15uH/M	15 $\pm$ 20%	55.0	9.0	5.0
CKST1005-22uH/M	22 $\pm$ 20%	58.0	8.0	4.5
CKST1005-33uH/M	33 $\pm$ 20%	105.0	6.5	3.5
CKST1005-47uH/M	47 $\pm$ 20%	130.0	5.0	3.0



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PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST1205-0.68uH/M	0.68 $\pm$ 20%	1.7	38.0	34.0
CKST1205-0.82uH/M	0.82 $\pm$ 20%	2.1	35.0	26.0
CKST1205-1.0uH/M	1.0 $\pm$ 20%	2.5	32.0	23.0
CKST1205-1.2uH/M	1.2 $\pm$ 20%	3.0	30.0	20.0
CKST1205-1.5uH/M	1.5 $\pm$ 20%	4.1	27.0	18.0
CKST1205-2.2uH/M	2.2 $\pm$ 20%	5.5	25.0	16.0
CKST1205-3.3uH/M	3.3 $\pm$ 20%	9.2	24.0	15.0
CKST1205-4.7uH/M	4.7 $\pm$ 20%	15.0	21.0	11.0
CKST1205-5.6uH/M	5.6 $\pm$ 20%	16.4	18.0	9.5
CKST1205-6.8uH/M	6.8 $\pm$ 20%	18.5	15.0	8.5
CKST1205-8.2uH/M	8.2 $\pm$ 20%	24.0	12.0	7.5
CKST1205-10uH/M	10 $\pm$ 20%	25.5	10.0	6.5

● SPECIFICATION TABLE:

PART NUMBER 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (m Ω) 直流电阻	Isat (Max.) (A) 饱和电流	Irms (Max.) (A) 额定电流
CKST1206-4.7uH/M	4.7 $\pm$ 20%	13.0	22.5	13.0
CKST1206-5.6uH/M	5.6 $\pm$ 20%	15.0	20.0	12.5
CKST1206-6.8uH/M	6.8 $\pm$ 20%	14.0	18.5	11.5
CKST1206-8.2uH/M	8.2 $\pm$ 20%	16.0	13.5	11.0
CKST1206-10uH/M	10 $\pm$ 20%	20.7	12.5	10.0
CKST1206-15uH/M	15 $\pm$ 20%	34.0	9.0	6.0
CKST1206-22uH/M	22 $\pm$ 20%	39.5	7.5	5.0
CKST1206-33uH/M	33 $\pm$ 20%	75.0	6.0	4.0
CKST1206-47uH/M	47 $\pm$ 20%	90.0	5.5	3.5
CKST1206-68uH/M	68 $\pm$ 20%	140.0	4.5	3.0

Remark: ● Inductance Tested at 100kHz,1Vrms (20℃)

● IDC: DC current at which the inductance drops approximate 30% from its value without current

● Operating Temperature : -25℃ ~ +125℃

● Measure Equipment:

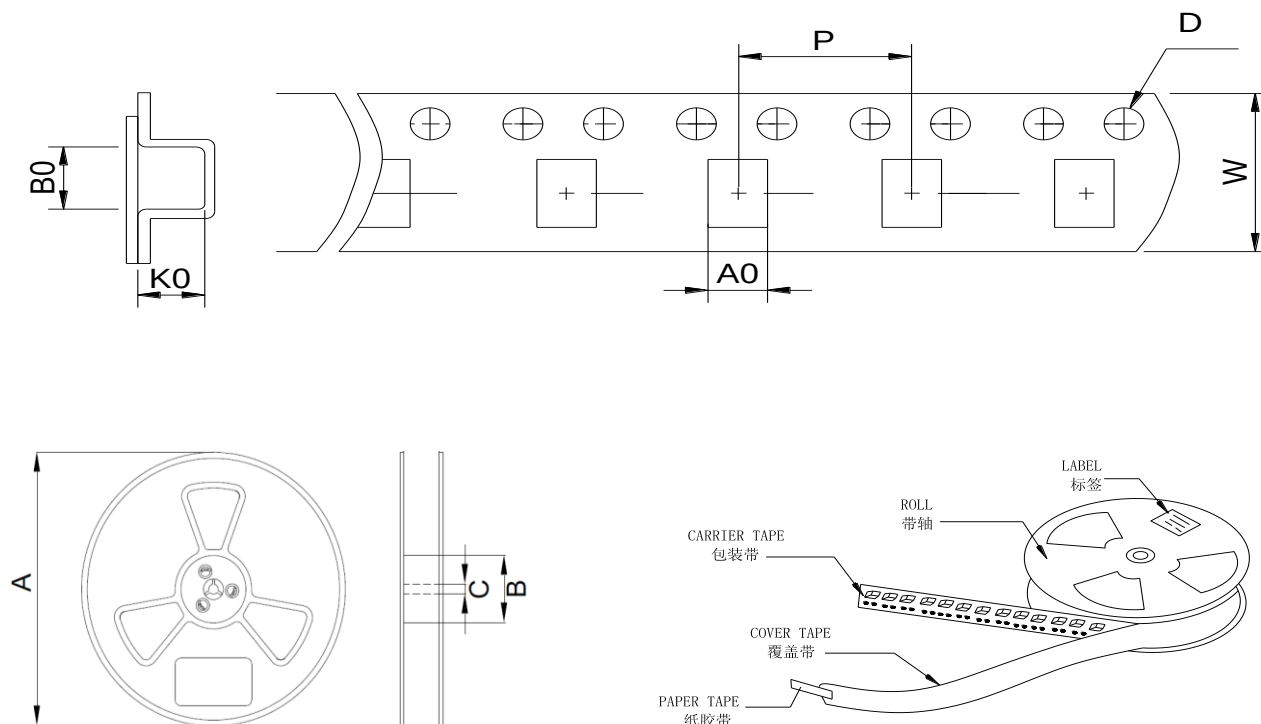
INDUCTANCE : Agilent HP-4284A , HP-4285A

IDC : Agilent HP-4284A+HP-42841A

DCR : CHEN HWA 502A



● PACKAGING SPECIFICATION :



Type	Tape Dimension (mm)						Reel Dimension (mm)			Quantity (Pcs/Reel)
	W	A0	B0	K0	DO	P	A	B	C	
CKST0402	12.0	4.8	4.8	2.0	1.5	8.0	330	100	13	4000
CKST0502	12.0	5.5	6.0	2.0	1.5	8.0	330	100	13	3000
CKST0503	12.0	5.5	6.0	3.0	1.5	8.0	330	100	13	2000
CKST0624	16.0	6.8	7.3	2.4	1.5	12.0	330	100	13	2000
CKST0603	16.0	6.8	7.3	3.0	1.5	12.0	330	100	13	2000
CKST0604	16.0	6.8	7.3	4.0	1.5	12.0	330	100	13	1000
CKST0605	16.0	6.8	7.3	5.0	1.5	12.0	330	100	13	1000
CKST1004	24.0	10.6	11.6	4.0	1.5	16.0	330	100	13	1000
CKST1005	24.0	10.6	11.6	5.0	1.5	16.0	330	100	13	800
CKST1205	24.0	13.1	14.1	5.0	1.5	20.0	330	100	13	500
CKST1206	24.0	13.1	14.1	6.0	1.5	20.0	330	100	13	500