

Data Sheet

Customer: _____

Product: Wire Wound Power Inductor (Unshielded) – CSN Series

Size : 0302D/0403D/0604D/0703D/0705D/1054D/1305F

Issued Date: 02-Feb.-2024

Edition: Ver. 5

Record of change

Date	Ver.	Description	Page
30-Sep.-2015	1		
14-June-2023	2	Add shape / Revised electrical specification	1 ~ 17
25-Jan.-2024	3	Revised 0302D/0604D Tol. & add 0705D Inductance	2,5,8
30-Jan.-2024	4	Del. size 0703F/0705F/1040D/1303F & add Packing Quantity	7,9,10,12,13
02-Feb.-2024	5	Add Packing Quantity	12,13

HITANO ENTERPRISE CORP.

7F-7, No. 3, Wu Chuan 1st Road, New Taipei Industrial Park,
New Taipei City, TAIWAN, R.O.C.

Tel: +886 2 2299 1331 (Rep.)

Fax: +886 2 2298 2466, 2298 2969

Prepared by	Checked by	Approved by	Accepted by (customer)
02-Feb.-2024	02-Feb.-2024	02-Feb.-2024	
Hwa Wu	Andy Hsu	Arthur Su	

Wire Wound Power Inductor (Unshielded)

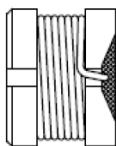
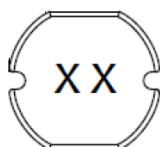
■ Features

- * The CSN series are characterized by miniature surface mount design with high power and high saturation current.
- * Very low resistance in high-density mounting configurations.
- * Ideal inductors for DC-DC converters
- * Provided in embossed carrier tape packaging for use with automatic mounting machines.

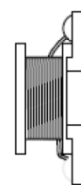
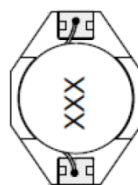
■ Application

- * Notebook Computers.
- * Handheld Communication.
- * DC/DC Converters, etc.
- * Power Supply, LCD TV and etc.

■ Shape



Round Type



Oval Type

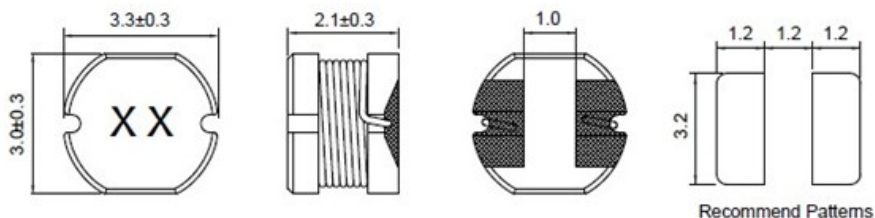
■ Part Numbering

<u>CSN</u> SERIES	<u>0703</u> SIZE	<u>D</u> Shape	- INDUCTANCE	<u>M</u> TOLERANCE	- INTERNAL CODE
	0302	D : Round	4R7= 4.7uH	K= ±10%	
	0403	F : Oval	101= 100uH	L= ±15%	
	0604		102= 1000uH	M= ±20%	
	0703			N= ±30%	
	0705				
	1054				
	1305				

Wire Wound Power Inductor (Unshielded)

CSN0302D Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	DC Resistance (mΩ) Max	Isat (A) $\Delta L/L_0: \leq 10\%$	Irms (A) $\Delta T: 40^\circ\text{C Max.}$
CSN0302D-1R0M-□□	BA	1.0	70	2.080	2.080
CSN0302D-1R4□-□□	BC	1.4	90	1.860	1.860
CSN0302D-1R8M-□□	BE	1.8	110	1.800	1.800
CSN0302D-2R2M-□□	CC	2.2	130	1.390	1.390
CSN0302D-2R7M-□□	CH	2.7	140	1.320	1.320
CSN0302D-3R3M-□□	DD	3.3	200	1.250	1.250
CSN0302D-3R9M-□□	DJ	3.9	210	1.200	1.200
CSN0302D-4R7M-□□	EH	4.7	330	1.030	1.030
CSN0302D-5R6M-□□	FG	5.6	350	0.910	0.910
CSN0302D-6R8M-□□	GI	6.8	380	0.850	0.850
CSN0302D-8R2M-□□	IC	8.2	430	0.820	0.820
CSN0302D-100□-□□	KA	10	500	0.740	0.740
CSN0302D-120□-□□	QA	12	650	0.640	0.640
CSN0302D-150□-□□	MA	15	820	0.600	0.600
CSN0302D-180□-□□	RA	18	900	0.540	0.540
CSN0302D-220M-□□	LA	22	1140	0.500	0.500
CSN0302D-270K-□□	SA	27	1390	0.430	0.400
CSN0302D-330□-□□	NA	33	1550	0.400	0.400
CSN0302D-390□-□□	PA	39	2150	0.370	0.370
CSN0302D-470M-□□	OA	47	2440	0.360	0.360
CSN0302D-560□-□□	UA	56	2680	0.310	0.310
CSN0302D-680□-□□	VA	68	3050	0.300	0.300

Wire Wound Power Inductor (Unshielded)

Part Number	Marking	Inductance (uH)	DC Resistance (mΩ) Max	Isat (A) $\Delta L/L0: \leq 10\%$	Irms (A) $\Delta T: 40^{\circ}\text{C Max.}$
CSN0302D-820□-□□	XA	82	3480	0.280	0.280
CSN0302D-101M-□□	KB	100	2520	0.250	0.250
CSN0302D-121□-□□	QB	120	2900	0.200	0.200
CSN0302D-181M-□□	RB	180	5900	0.220	0.220
CSN0302D-221M-□□	LB	220	6300	0.200	0.200
CSN0302D-331M-□□	IB	330	12000	0.120	0.120
CSN0302D-471□-□□	OB	470	14000	0.090	0.090
CSN0302D-561M-□□	UB	560	16000	0.080	0.080
CSN0302D-152M-□□	MC	1500	56000	0.052	0.052

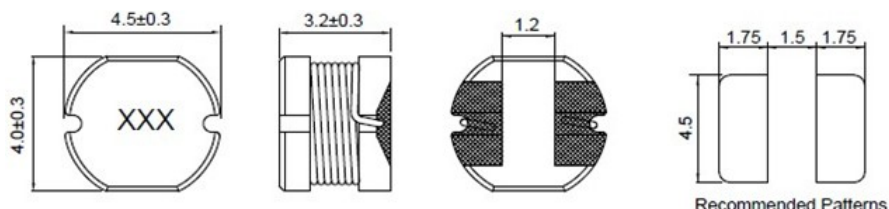
Note:

1. Test Frequency : 100KHz
2. □ Tolerance: M=±20%, L=±15%, K=±10%
3. Operating temperature range: -25°C ~ +125°C
4. Storage temperature range : -25 ~ +85°C
5. Test Instrument: Chroma 1310/1320/1062/3302/16502
6. Isat : Inductance drops no more than 10% of initial value st rated current
7. Irms : Temperature rises $\Delta T: 40^{\circ}\text{C Max.}$
8. MSL : Level 1

Wire Wound Power Inductor (Unshielded)

CSN0403D Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω) _{max}	Rated Current (A)
CSN0403D-1R0□-□□	1R0	1.0	100	0.049	2.56
CSN0403D-1R4□-□□	1R4	1.4	100	0.057	2.52
CSN0403D-1R8□-□□	1R8	1.8	100	0.064	1.95
CSN0403D-2R2□-□□	2R2	2.2	100	0.072	1.75
CSN0403D-2R7□-□□	2R7	2.7	100	0.079	1.58
CSN0403D-3R3□-□□	3R3	3.3	100	0.087	1.44
CSN0403D-3R9□-□□	3R9	3.9	100	0.094	1.33
CSN0403D-4R7□-□□	4R7	4.7	100	0.109	1.15
CSN0403D-5R6□-□□	5R6	5.6	100	0.126	0.99
CSN0403D-6R8□-□□	6R8	6.8	100	0.132	0.95
CSN0403D-8R2□-□□	8R2	8.2	100	0.147	0.84
CSN0403D-100□-□□	100	10	100	0.182	1.04
CSN0403D-120□-□□	120	12	100	0.210	0.97
CSN0403D-150□-□□	150	15	100	0.235	0.85
CSN0403D-180□-□□	180	18	100	0.338	0.74
CSN0403D-220□-□□	220	22	100	0.378	0.68
CSN0403D-270□-□□	270	27	100	0.522	0.62
CSN0403D-330□-□□	330	33	100	0.540	0.56
CSN0403D-390□-□□	390	39	100	0.587	0.52
CSN0403D-470□-□□	470	47	100	0.844	0.44
CSN0403D-560□-□□	560	56	100	0.937	0.42
CSN0403D-680□-□□	680	68	100	1.117	0.37

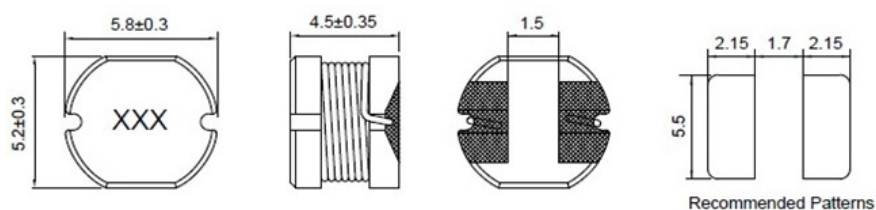
Note:

1. □ Tolerance: M=±20%, K=±10%
2. Operating temperature range: -25°C ~ +125°C
3. Storage temperature range : -25 ~ +85°C
4. Inductance measured using the HP4284A LCR meter, Chroma 3302+1320.
5. DCR measured using the 16502 milli-ohm meter.
6. Inductance drops no more than 10% of initial value at rated current, temperature rises $\Delta t < 40^\circ\text{C}$
7. MSL : Level 1

Wire Wound Power Inductor (Unshielded)

CSN0604D Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω) max	Rated Current (A)
CSN0604D-1R0□-□□	1R0	1.0	100	0.015	4.00
CSN0604D-1R9□-□□	1R9	1.9	100	0.039	3.00
CSN0604D-2R2□-□□	2R2	2.2	100	0.020	4.00
CSN0604D-3R3□-□□	3R3	3.3	100	0.021	3.00
CSN0604D-4R7□-□□	4R7	4.7	100	0.028	2.00
CSN0604D-6R8□-□□	6R8	6.8	100	0.042	2.00
CSN0604D-100□-□□	100	10	100	0.10	1.44
CSN0604D-120□-□□	120	12	100	0.12	1.40
CSN0604D-150□-□□	150	15	100	0.14	1.30
CSN0604D-180□-□□	180	18	100	0.15	1.23
CSN0604D-220□-□□	220	22	100	0.18	1.11
CSN0604D-270□-□□	270	27	100	0.20	0.97
CSN0604D-330□-□□	330	33	100	0.23	0.88
CSN0604D-390□-□□	390	39	100	0.32	0.80
CSN0604D-470□-□□	470	47	100	0.37	0.72
CSN0604D-560□-□□	560	56	100	0.42	0.68
CSN0604D-680□-□□	680	68	100	0.46	0.61
CSN0604D-820□-□□	820	82	100	0.60	0.58
CSN0604D-101□-□□	101	100	10	0.70	0.52
CSN0604D-121□-□□	121	120	10	0.93	0.48
CSN0604D-151□-□□	151	150	10	1.10	0.40
CSN0604D-181□-□□	181	180	10	1.38	0.38
CSN0604D-221□-□□	221	220	10	1.57	0.35
CSN0604D-271□-□□	271	270	10	1.85	0.30

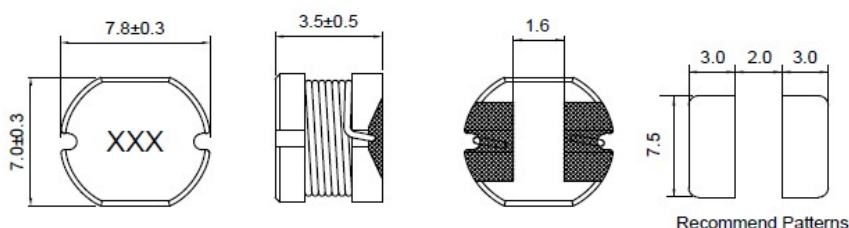
Note:

1. □ Tolerance: K=±10%, L=±15%, M=±20%, N=±30%
2. Operating temperature range: -25°C ~ +125°C
3. Storage temperature range : -25 ~ +85°C
4. Inductance measured using the HP4284A LCR meter , Chroma 3302+1320.
5. DCR measured using the 16502 milli-ohm meter.
6. Inductance drops no more than 10% of initial value at rated current, temperature rises $\Delta t < 40^\circ\text{C}$
7. MSL : Level 1

Wire Wound Power Inductor (Unshielded)

CSN0703D Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω) max	Rated Current (A)
CSN0703D-1R5M-□□	1R5	1.5	100	0.012	5.1
CSN0703D-100M-□□	100	10	100	0.081	1.44
CSN0703D-120M-□□	120	12	100	0.090	1.39
CSN0703D-150M-□□	150	15	100	0.104	1.24
CSN0703D-180M-□□	180	18	100	0.111	1.12
CSN0703D-220M-□□	220	22	100	0.129	1.07
CSN0703D-270M-□□	270	27	100	0.153	0.94
CSN0703D-330M-□□	330	33	100	0.170	0.85
CSN0703D-390M-□□	390	39	100	0.217	0.74
CSN0703D-470M-□□	470	47	100	0.252	0.68
CSN0703D-560K-□□	560	56	100	0.282	0.64
CSN0703D-680K-□□	680	68	100	0.332	0.59
CSN0703D-820K-□□	820	82	100	0.406	0.54
CSN0703D-101K-□□	101	100	10	0.481	0.51
CSN0703D-121K-□□	121	120	10	0.536	0.49
CSN0703D-151K-□□	151	150	10	0.755	0.40
CSN0703D-181K-□□	181	180	10	1.022	0.36
CSN0703D-221K-□□	221	220	10	1.200	0.31
CSN0703D-271K-□□	271	270	10	1.306	0.29
CSN0703D-331K-□□	331	330	10	1.495	0.28

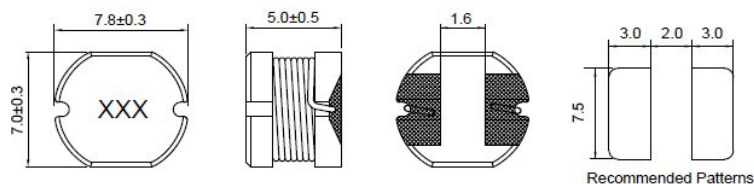
Note:

- 1.Tolerance: M=±20%, K=±10%
- 2.Operating temperature range: -25°C ~ +125°C
- 3.Storage temperature range : -25 ~ +85°C
- 4.Inductance measured using the HP4284A LCR meter , Chroma 3302+1320.
- 5.DCR measured using the 16505 milli-ohm meter.
- 6.Inductance drops no more than 10% of initial value at rated current, temperature rises $\Delta t < 40^\circ\text{C}$
- 7.MSL : Level 1

Wire Wound Power Inductor (Unshielded)

CSN0705D Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω) max	Rated Current (A)
CSN0705D-2R2□-□□	2R2	2.2	100	0.02	5.5
CSN0705D-3R0□-□□	3R0	3.0	100	0.02	5.0
CSN0705D-4R7□-□□	4R7	4.7	100	0.04	3.5
CSN0705D-6R0□-□□	6R0	6.0	100	0.03	3.0
CSN0705D-6R8□-□□	6R8	6.8	100	0.058	3.0
CSN0705D-8R2□-□□	8R2	8.2	100	0.06	2.4
CSN0705D-100□-□□	100	10	100	0.07	2.3
CSN0705D-120□-□□	120	12	100	0.08	2.0
CSN0705D-150□-□□	150	15	100	0.09	1.8
CSN0705D-180□-□□	180	18	100	0.10	1.6
CSN0705D-220□-□□	220	22	100	0.11	1.5
CSN0705D-270□-□□	270	27	100	0.12	1.3
CSN0705D-330□-□□	330	33	100	0.13	1.2
CSN0705D-390□-□□	390	39	100	0.16	1.1
CSN0705D-470□-□□	470	47	100	0.18	1.1
CSN0705D-560□-□□	560	56	100	0.24	0.94
CSN0705D-680□-□□	680	68	100	0.28	0.85
CSN0705D-820□-□□	820	82	100	0.37	0.78
CSN0705D-101□-□□	101	100	10	0.43	0.72
CSN0705D-121□-□□	121	120	10	0.47	0.66
CSN0705D-151□-□□	151	150	10	0.64	0.58
CSN0705D-181□-□□	181	181	10	0.71	0.51
CSN0705D-221□-□□	221	220	10	0.96	0.49
CSN0705D-271□-□□	271	270	10	1.11	0.42
CSN0705D-331□-□□	331	330	10	1.26	0.40
CSN0705D-391□-□□	391	390	10	1.77	0.36
CSN0705D-471□-□□	471	470	10	1.96	0.34
CSN0705D-681□-□□	681	680	10	2.5	0.30
CSN0705D-102□-□□	102	1000	100	3.3	0.20
CSN0705D-222□-□□	222	2200	1	7.2	0.15
CSN0705D-302□-□□	302	3000	1	10	0.12

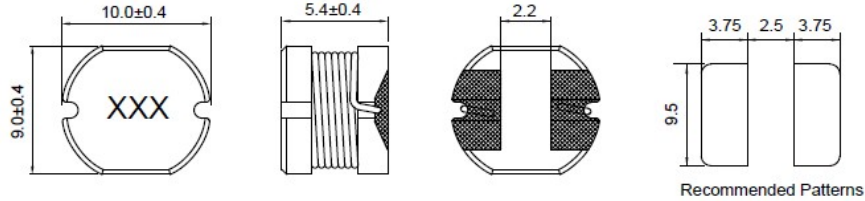
Note:

1. □ Tolerance: M=±20%, L=±15%, K=±10%
2. Operating temperature range: -25°C ~ +125°C
3. Storage temperature range : -25 ~ +85°C
4. Inductance measured using the HP4284A LCR meter, Chroma 3302+1320.
5. DCR measured using the 16502 milli-ohm meter.
6. Inductance drops no more than 10% of initial value at rated current, temperature rises Δt<40°C
7. MSL : Level 1

Wire Wound Power Inductor (Unshielded)

CSN1054D Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω) max	Rated Current (A)
CSN1054D-100□-□□	100	10	100	0.05	2.60
CSN1054D-120□-□□	120	12	100	0.06	2.45
CSN1054D-150□-□□	150	15	100	0.07	2.27
CSN1054D-180□-□□	180	18	100	0.08	2.15
CSN1054D-220□-□□	220	22	100	0.09	1.95
CSN1054D-270□-□□	270	27	100	0.10	1.76
CSN1054D-330□-□□	330	33	100	0.11	1.50
CSN1054D-390□-□□	390	39	100	0.12	1.37
CSN1054D-470□-□□	470	47	100	0.16	1.28
CSN1054D-560□-□□	560	56	100	0.18	1.17
CSN1054D-680□-□□	680	68	100	0.22	1.11
CSN1054D-820□-□□	820	82	100	0.25	1.00
CSN1054D-101□-□□	101	100	10	0.33	0.97
CSN1054D-121□-□□	121	120	10	0.37	0.89
CSN1054D-151□-□□	151	150	10	0.44	0.78
CSN1054D-181□-□□	181	180	10	0.58	0.72
CSN1054D-221□-□□	221	220	10	0.68	0.66
CSN1054D-271□-□□	271	270	10	0.91	0.57
CSN1054D-331□-□□	331	330	10	1.08	0.52
CSN1054D-391□-□□	391	390	10	1.21	0.48
CSN1054D-471□-□□	471	470	10	1.38	0.42
CSN1054D-561□-□□	561	560	10	1.78	0.33
CSN1054D-681□-□□	681	680	10	2.10	0.28
CSN1054D-821□-□□	821	820	10	2.38	0.24

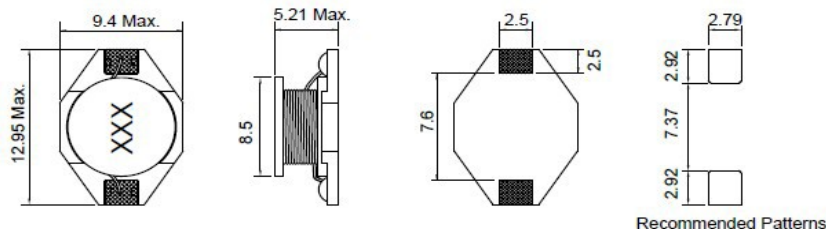
Note:

1. □ Tolerance: M=±20%, L=±15%, K=±10%
2. Operating temperature range: -25°C ~ +125°C
3. Storage temperature range: -25 ~ +85°C
4. Inductance measured using the HP4284A LCR meter, Chroma 3302+1320.
5. DCR measured using the 16502 milli-ohm meter.
6. Inductance drops no more than 10% of initial value at rated current, temperature rises $\Delta t < 40^\circ\text{C}$
7. MSL : Level 1

Wire Wound Power Inductor (Unshielded)

CSN1305F Series

1. MECHANICAL DIMENSION (Unit:mm)



2. ELECTRICAL SPECIFICATION

Part Number	Marking	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω) max	Isat (A) $\Delta L/L0: \leq 10\%$	Irms (A) $\Delta T: 40^\circ\text{C Max.}$
CSN1305F-1R0M-□□	1R0	1.0	100	0.009	9.0	6.8
CSN1305F-1R5□-□□	1R5	1.5	100	0.010	8.0	6.4
CSN1305F-2R2□-□□	2R2	2.2	100	0.012	7.0	6.1
CSN1305F-3R3□-□□	3R3	3.3	100	0.015	6.4	5.4
CSN1305F-4R7M-□□	4R7	4.7	100	0.018	5.4	4.8
CSN1305F-6R8□-□□	6R8	6.8	100	0.027	4.6	4.4
CSN1305F-100M-□□	100	10	100	0.038	3.8	3.9
CSN1305F-150□-□□	150	15	100	0.046	3.0	3.1
CSN1305F-220M-□□	220	22	100	0.085	2.6	2.7
CSN1305F-330M-□□	330	33	100	0.100	2.0	2.1
CSN1305F-470M-□□	470	47	100	0.140	1.6	1.8
CSN1305F-500□-□□	500	50	100	0.180	1.4	1.6
CSN1305F-680□-□□	680	68	100	0.200	1.2	1.5
CSN1305F-101M-□□	101	100	100	0.280	1.2	1.3
CSN1305F-151M-□□	151	150	100	0.400	1.0	1.0
CSN1305F-181M-□□	181	180	100	0.580	0.9	0.8
CSN1305F-221M-□□	221	220	100	0.610	0.8	0.8
CSN1305F-331□-□□	331	330	100	1.020	0.6	0.6
CSN1305F-471□-□□	471	470	100	1.270	0.5	0.5
CSN1305F-681□-□□	681	680	100	2.020	0.4	0.4
CSN1305F-102□-□□	102	1000	100	3.000	0.3	0.3

Note:

1. □ Tolerance: M=±20%, L=±15%, K=±10%
2. Operating temperature range: -25°C ~ +125°C
3. Storage temperature range : -10°C ~ +40°C and 70% RH.
4. Inductance measured using the HP4284A LCR meter, Chroma 3302+1320.
5. DCR measured using the 16502 milli-ohm meter.
6. Inductance drops no more than 10% of initial value at rated current, temperature rises $\Delta t < 40^\circ\text{C}$
7. MSL : Level 1

Wire Wound Power Inductor (Unshielded)

Reliability Performance

Reliability Experiment For Electrical

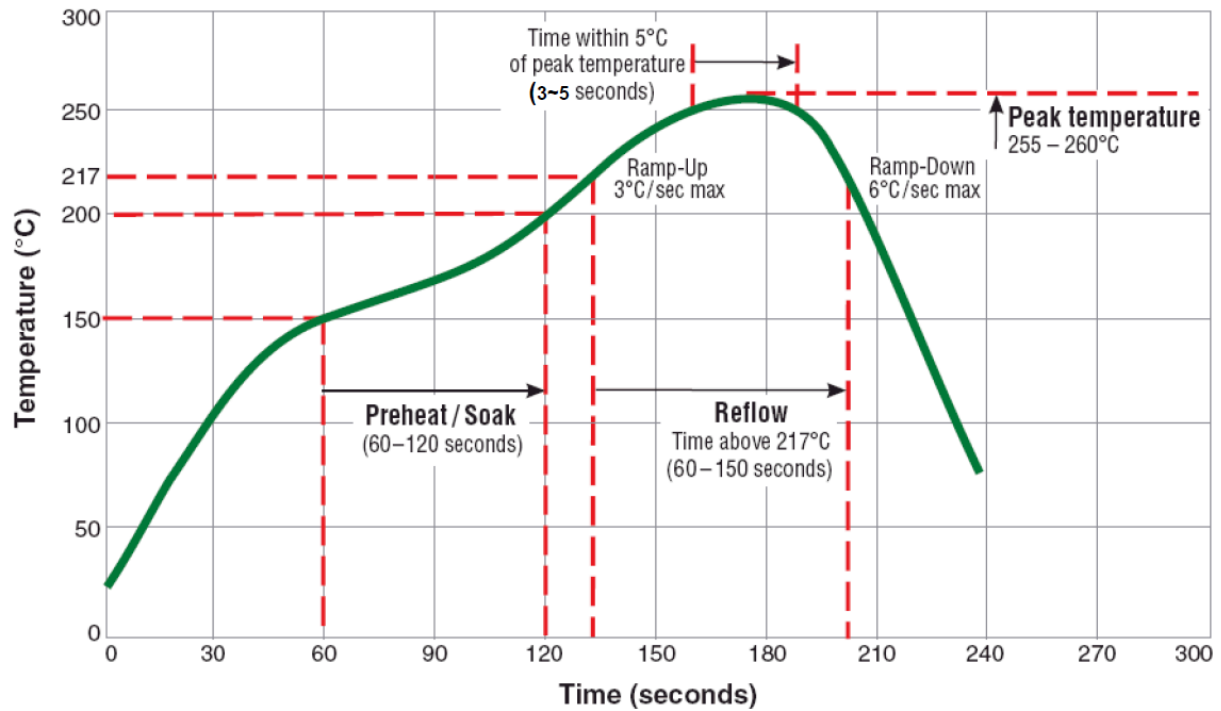
Test Item	Accept criteria	Test Condition	Standard Source
Humidity Test	1.Change from an initial value L:within $\pm 5\%$ 2.no visible damage	$+40^{\circ}\text{C} \pm 2^{\circ}\text{C}$, humidity of $90\% \pm 5\%$ (Total 96 hours)	MIL-STD-202H Method 103 Test Condition B
High Temperature Test	1.Change from an initial value L:within $\pm 5\%$ 2.no visible damage	1. Temperature : $+125^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 2. Test time: 72 $\pm$ 2hours	IEC 68-2 Test Condition B
Low Temperature Test	1.Change from an initial value L:within $\pm 5\%$ 2.no visible damage	1. Temperature : $-25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ 2. Test time: 72 $\pm$ 2hours	IEC 68-2 Test Condition A
Thermal Shock	1.Change from an initial value L:within $\pm 5\%$ 2.no visible damage	$+125^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (30 minutes) $\sim$ $-65^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (30 minutes), temperature switch time : 5 minutes (total 50 cycles)	Reference MIL-STD-202H Method 107 Test Condition B-2
Life Test	1.Change from an initial value L:within $\pm 5\%$ 2.no visible damage	$+70^{\circ}\text{C} \pm 5^{\circ}\text{C}$ (250 hours)	Reference MIL-STD-202H Method 108 Test Condition B

Reliability Experiment For Electrical

Test Item	Accept criteria	Test Condition	Standard Source
Vibration Test	1.Change from an initial value L:within $\pm 5\%$ 2.no visible damage	10-55-10HZ, amplitude:1.5mm, direction:X,Y Z axes, each axis 2 hours (total 6 hours)	MIL-STD-202H Method 201
Solder Heat Resistance Test	1.no visible damage	IR/convection reflow: Peak Temp. $250 \pm 5^{\circ}\text{C}$ for 30 $\pm$ 5Sec. in air, Through 3 Cycle. Temperature Ramp: $+1 \sim 4^{\circ}\text{C}/\text{sec.}$; Above 183°C , must keep 90s – 120s	Reference MIL-STD-202H Method 210 Test Condition K (Reflow)
Solder Ability Test	1. Lead must have 95% Above coverage	1. Solder Temperature : $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 2. Immersion time: 5 second 3. Immersion rate: $25 \pm 6\text{mm}/\text{sec.}$	J-STD-002D Test Condition B1

Wire Wound Power Inductor (Unshielded)

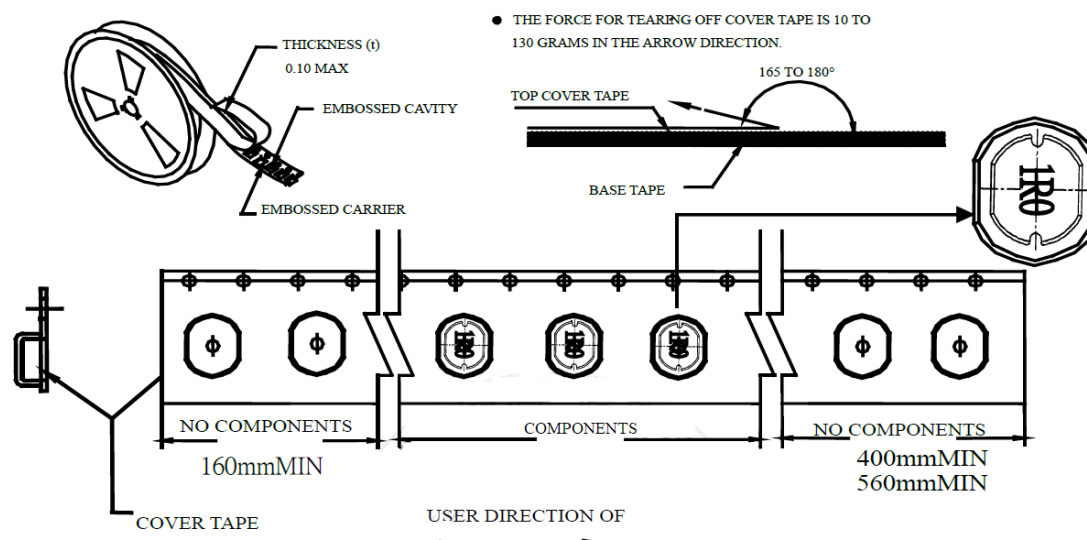
RoHS Reflow Soldering Profile



Wire Wound Power Inductor (Unshielded)

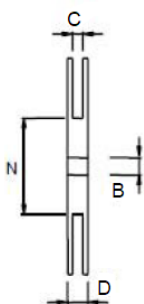
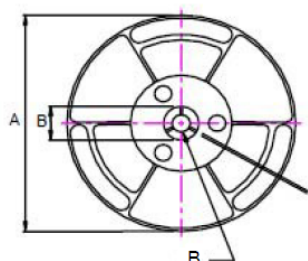
Tape & Reel Packaging Dimension

D SHAPE

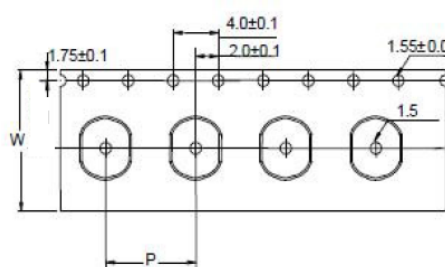


■ CARRIER TAPE REELS (mm)

MATERIAL: PLASTIC



■ DIMENSIONS OF CARRIER TAPE (mm)



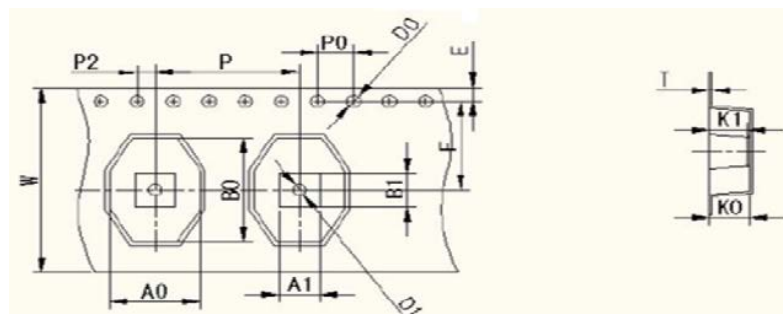
Size	A.	B	C	N	P	D	W	t	PACKING QUANTITY (PCS/REEL)
0302D	180 Max.	13±0.5	12.5 +2/-1	80 Min.	8.0±0.1	18.5 Max.	12.0±0.3	0.35±0.1	500
0403D	360 Max.	13+0.5/-0.2	12.4 +2/-0	60 Min.	8.0±0.1	18.4 Max.	12.0±0.3	0.35±0.1	2250
0604D	360 Max.	13+0.5/-0.2	12.4 +2/-0	80 Min.	12.0±0.1	18.4 Max.	12.0±0.3	0.35±0.05	1000
0703D	340 Max.	13±0.5	16.4 ±0.2	100 Min.	12.0±0.1	22.4 Max.	16.0±0.3	0.35±0.05	2800
0705D	340 Max.	13±0.5	16.4 ±0.2	80 Min.	12.0±0.1	22.4 Max.	16.0±0.3	0.40±0.05	1000
1054D	330 Max.	13±0.5	24.4 +2/-1	100 Min.	16.0±0.1	30.4 Max.	24.0±0.3	0.35±0.1	700

Wire Wound Power Inductor (Unshielded)

Tape & Reel Packaging Dimension

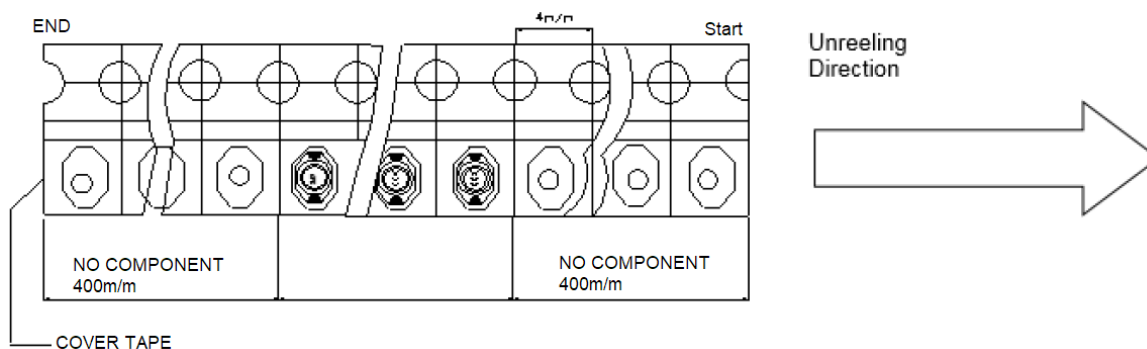
F SHAPE (Size : 1305F)

1.CARRIER TAPE DIMENSION :

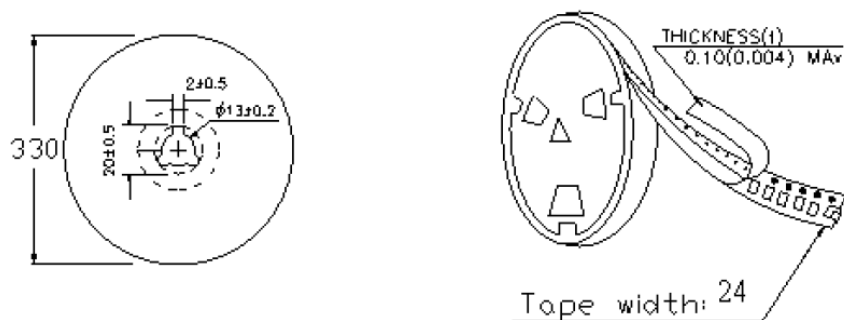


ITEM	W	A0	A1	B0	B1	K0	K1	T	F	E	P	P0	P2	D0	D1
DIM.	24	10.1	4.4	13.5	4.4	5.6	5.4	0.40	11.5	1.75	16.0	4.0	2.0	1.5	1.5
TOL.	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.1	±0.1	±0.1	±0.1	±0.1	+0/0.1	+0.1/-0

2. TAPPING DIMENSION :



3. REEL DIMENSION :



4. PACKING QUANTITY : 750 pcs/reel