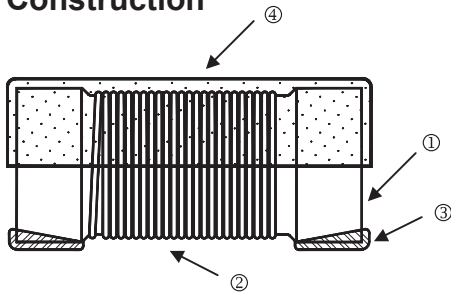




## Features

- Ceramic base provide high SRF
- Ultra-compact inductors provide high Q factors
- Low profile, high current options
- Miniature SMD chip inductor for fully automated assembly
- Outstanding endurance from Pull-up force, mechanical shock and pressure
- Tighter tolerance down to  $\pm 2\%$
- Smaller size of 0402 (1005)

## Construction



1	Ceramic Core	3	Electrode (Ag/Pd+Ni+Sn)
2	Magnet Wire	4	UV Glue

## Applications

### RF Products:

- Cellular Phone (CDMA/GSM/PHS)
- Cordless Phone (DECT/CT1CT2)
- Remote Control, Security System
- Wireless PDA
- Smart Phone
- WLL, Wireless LAN / Mouse / Keyboard / Earphone
- VCO, RF Module & Other Wireless Products
- Base Station, Repeater
- GPS Receiver

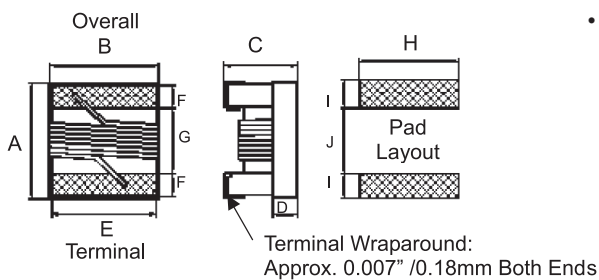
### Broad Band Applications:

- CATV Filter, Tuner
- Cable Modem/ XDSL Tuner
- Set Top Box

### IT Applications:

- USB 2.0
- IEEE 1394

## Dimensions



### Standard

Unit: mm

Type	Size (Inch)	A max.	B max.	C max.	D Ref.	E	F	G	H	I	J	Weight (g) (1,000pcs)
MCFT02	0402	1.27	0.76	0.61	0.15	0.51	0.23	0.56	0.66	0.5	0.46	0.8
MCFT03	0603	1.8	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64	3.46
MCFT05	0805	2.29	1.73	1.52	0.51	1.27	0.44	1.02	1.78	1.02	0.76	12.13
MCFT06	1206	3.45	1.9	1.4	0.5	1.6	0.5	2.2	1.93	1.02	1.78	40

## Low Profile

Unit: mm

Type	Size (Inch)	A max.	B max.	C max.	D Ref.	E	F	G	H	I	J
MCFT05	0805	2.29	1.73	1.03	0.51	1.27	0.44	1.02	1.78	1.02	0.76

## High Current / High Q

Unit: mm

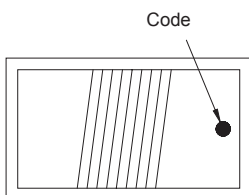
Type	Size (Inch)	A max.	B max.	C max.	D Ref.	E	F	G	H	I	J
MCFT03	0603	1.8	1.12	1.02	0.38	0.76	0.33	0.86	1.02	0.64	0.64
MCFT05	0805	2.29	1.73	1.52	0.51	1.27	0.44	1.02	1.78	1.02	0.76

## High SRF

Unit: mm

Type	Size (Inch)	A max.	B max.	C max.	D Ref.	E	F	G	H	I	J	Weight (g) (1,000pcs)
MCFT02	0402	1.15	0.7	0.6	0.45	0.2	0.6	0.65	0.35	0.5	0.8	0.8

## Colour Coding



Color Coding

### 0603 / 0805 / 1206 Type (0402 Type is No Colour Coding)

Because of small sizes, these parts are marked with a single colour dot.

The inductance value represented by the dot is shown on the data page for each type.

## Standard Electrical Specifications

### MCFT02 Wire Wound Chip Inductors / Standard Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR (Ω) max.	IDC (mA) max.	900MHz		1.7GHz	
							L	Q	L	Q
1	±10%	250	16	12.7	0.045	1360	1.02	77	1.02	69
2.2	±10%	250	19	10.8	0.07	960	2.19	59	2.23	100
3.3	±10%	250	19	7	0.066	840	3.1	65	3.12	87
4.7	±5, ±10%	250	18	4.7	0.13	640	4.55	48	4.68	68
6.8	±5, ±10%	250	20	4.8	0.083	680	6.56	63	6.93	78
10	±2, ±5, ±10%	250	21	3.9	0.195	480	9.8	50	10.1	67
12	±2, ±5, ±10%	250	24	3.6	0.12	640	11.9	53	12.7	71
15	±2, ±5, ±10%	250	24	3.28	0.172	560	14.6	55	15.5	77
18	±2, ±5, ±10%	250	25	3.1	0.23	420	18.3	57	20.3	62

## MCFT02 Wire Wound Chip Inductors / Standard Type

22	±2, ±5, ±10%	250	25	2.8	0.3	400	23.2	53	26.8	53
27	±2, ±5, ±10%	250	24	2.48	0.3	400	28.7	49	33.5	63
33	±2, ±5, ±10%	250	24	2.35	0.35	400	34.9	31	41.7	32
39	±2, ±5, ±10%	250	25	2.1	0.55	200	41.7	47	50.2	45
47	±2, ±5, ±10%	250	25	2.1	0.83	150	50	38	55.8	37
56	±2, ±5, ±10%	250	25	1.76	0.97	100	57.4	49	72.4	40
68	±2, ±5, ±10%	250	22	1.62	1.12	100	69.6	45	83.4	38
82	±2, ±5, ±10%	250	22	1.26	1.55	50	-	-	-	-
100	±2, ±5, ±10%	250	22	1.16	2	30	-	-	-	-
120	±2, ±5, ±10%	250	20	> 1.8	2.66	50	-	-	-	-

## MCFT03 Wire Wound Chip Inductors / Standard Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF	DCR	IDC (mA) max.	900MHz		1.7GHz		Colour Code
				(GHz) min.	(Ω) max.		L	Q	L	Q	
2.2	±5, ±10%	250	15	6	0.1	700	2.18	41	2.2	64	White
3.3	±2, ±5, ±10%	250	22	> 6	0.08	700	3.35	47	3.4	65	Red
4.7	±2, ±5, ±10%	250	25	5.8	0.12	700	4.65	53	4.8	67	Violet
6.8	±2, ±5, ±10%	250	27	5.8	0.11	700	6.75	60	7.1	81	Red
10	±2, ±5, ±10%	250	31	4.8	0.13	700	10	66	10.6	83	Orange
12	±2, ±5, ±10%	250	35	4	0.13	700	12.3	72	13.5	83	Yellow
15	±2, ±5, ±10%	250	35	4	0.17	700	15.4	64	16.8	89	Green
18	±2, ±5, ±10%	250	35	3.1	0.17	700	18.7	70	21.4	69	Blue
22	±2, ±5, ±10%	250	38	3	0.19	700	22.8	73	26.1	71	Violet
27	±2, ±5, ±10%	250	40	2.8	0.22	600	29.2	74	34.6	65	Gray
33	±2, ±5, ±10%	250	40	2.3	0.22	600	36	67	49.5	42	White
39	±2, ±5, ±10%	250	40	2.2	0.25	600	42.7	60	60.2	40	Black
47	±2, ±5, ±10%	200	38	2	0.28	600	52.2	62	77.2	35	Brown
56	±2, ±5, ±10%	200	38	1.9	0.31	600	62.5	56	97	26	Red
68	±2, ±5, ±10%	200	37	1.7	0.34	600	80.5	54	168	21	Orange
82	±2, ±5, ±10%	150	34	1.7	0.54	400	96.2	54	177	21	Green
100	±2, ±5, ±10%	150	34	1.4	0.58	400	124	49	319.5	13	Blue
120	±2, ±5, ±10%	150	32	1.3	0.65	300	166	39	529.3	8	Gray
150	±2, ±5, ±10%	100	28	1.3	0.95	280	230	25	-	-	White
180	±2, ±5, ±10%	100	25	1.25	1.4	250	305	22	-	-	Black
220	±2, ±5, ±10%	100	25	1.2	1.6	250	377	21	-	-	Brown
270	±2, ±5, ±10%	100	25	0.9	2.1	200	523	19	-	-	Red
330	±2, ±5, ±10%	100	25	0.9	3.8	100	680.4	20	-	-	Blue
390	±2, ±5, ±10%	100	25	0.9	4.35	100	734.5	29	-	-	Yellow
470	±2, ±5, ±10%	100	23	0.6	3.6	80	-	-	-	-	White

## MCFT05 Wire Wound Chip Inductors / Standard Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR ( $\Omega$ ) max.	IDC (mA) max.	Colour Code
10	$\pm 2, \pm 5, \pm 10\%$	250	60 @ 500MHz	4.2	0.1	600	Blue
12	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	4	0.15	600	Orange
15	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	3.4	0.17	600	Yellow
18	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	3.3	0.2	600	Green
22	$\pm 2, \pm 5, \pm 10\%$	250	55 @ 500MHz	2.6	0.22	500	Blue
27	$\pm 2, \pm 5, \pm 10\%$	250	55 @ 500MHz	2.5	0.25	500	Violet
33	$\pm 2, \pm 5, \pm 10\%$	250	60 @ 500MHz	2.05	0.27	500	Gray
39	$\pm 2, \pm 5, \pm 10\%$	250	60 @ 500MHz	2	0.29	500	White
47	$\pm 2, \pm 5, \pm 10\%$	200	60 @ 500MHz	1.65	0.31	500	Black
56	$\pm 2, \pm 5, \pm 10\%$	200	60 @ 500MHz	1.55	0.34	500	Brown
68	$\pm 2, \pm 5, \pm 10\%$	200	60 @ 500MHz	1.45	0.38	500	Red
82	$\pm 2, \pm 5, \pm 10\%$	150	65 @ 500MHz	1.3	0.42	400	Orange
100	$\pm 2, \pm 5, \pm 10\%$	150	65 @ 500MHz	1.2	0.46	400	Yellow
120	$\pm 2, \pm 5, \pm 10\%$	150	50 @ 250MHz	1.1	0.51	400	Green
150	$\pm 2, \pm 5, \pm 10\%$	100	50 @ 250MHz	0.92	0.56	400	Blue
180	$\pm 2, \pm 5, \pm 10\%$	100	50 @ 250MHz	0.87	0.64	400	Violet
220	$\pm 2, \pm 5, \pm 10\%$	100	50 @ 250MHz	0.85	0.7	400	Gray
270	$\pm 2, \pm 5, \pm 10\%$	100	48 @ 250MHz	0.65	1	350	White
330	$\pm 2, \pm 5, \pm 10\%$	100	48 @ 250MHz	0.6	1.4	310	Black
390	$\pm 2, \pm 5, \pm 10\%$	100	48 @ 250MHz	0.56	1.5	290	Brown
470	$\pm 2, \pm 5, \pm 10\%$	50	33 @ 100MHz	0.375	1.7	250	Red
560	$\pm 2, \pm 5, \pm 10\%$	25	23 @ 50MHz	0.34	1.9	230	Orange
680	$\pm 2, \pm 5, \pm 10\%$	25	23 @ 50MHz	0.2	2.2	190	Green
820	$\pm 2, \pm 5, \pm 10\%$	25	23 @ 50MHz	0.2	2.35	180	Violet
1,000	$\pm 2, \pm 5, \pm 10\%$	25	20 @ 50MHz	0.1	2.5	170	Gray
1,500	$\pm 2, \pm 5, \pm 10\%$	7.9	16 @ 25MHz	0.1	2.5	170	Black
2,200	$\pm 2, \pm 5, \pm 10\%$	7.9	16 @ 7.9MHz	0.06	2.7	160	Red
3,300	$\pm 2, \pm 5, \pm 10\%$	7.9	15 @ 7.9MHz	0.04	4.4	90	Blue
4,700	$\pm 2, \pm 5, \pm 10\%$	7.9	15 @ 7.9MHz	0.04	6.4	90	Green

## MCFT06 Wire Wound Chip Inductors / Standard Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR ( $\Omega$ ) max.	IDC (mA) max.	Colour Code
10	$\pm 5, \pm 10\%$	100	40 @ 300MHz	4.	0.08	1,000	Red
15	$\pm 5, \pm 10\%$	100	40 @ 300MHz	3.2	0.1	1,000	Yellow
22	$\pm 5, \pm 10\%$	100	50 @ 300MHz	2.2	0.1	1,000	Blue
33	$\pm 2, \pm 5, \pm 10\%$	100	55 @ 300MHz	1.8	0.11	1,000	Gray
47	$\pm 2, \pm 5, \pm 10\%$	100	55 @ 300MHz	1.5	0.13	1,000	Black
68	$\pm 2, \pm 5, \pm 10\%$	100	55 @ 300MHz	1.2	0.26	950	Red
150	$\pm 2, \pm 5, \pm 10\%$	100	60 @ 300MHz	0.95	0.31	750	Blue
220	$\pm 2, \pm 5, \pm 10\%$	50	55 @ 300MHz	0.76	0.5	670	Gray
330	$\pm 2, \pm 5, \pm 10\%$	50	45 @ 150MHz	0.65	0.62	590	Black
470	$\pm 2, \pm 5, \pm 10\%$	50	45 @ 150MHz	0.55	1.3	490	Red
680	$\pm 2, \pm 5, \pm 10\%$	35	45 @ 150MHz	0.45	1.58	430	Yellow
1,000	$\pm 2, \pm 5, \pm 10\%$	35	45 @ 150MHz	0.4	2.8	320	Blue

## Low Profile Electrical Specifications

### MCFT05 Wire Wound Chip Inductors / Low Profile Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR ( $\Omega$ ) max.	IDC (mA) max.	Colour Code
10	$\pm 2, \pm 5, \pm 10\%$	250	55 @ 750MHz	3.3	0.08	800	Green
12	$\pm 2, \pm 5, \pm 10\%$	250	55 @ 750MHz	3.8	0.1	800	Blue
15	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	2.95	0.1	800	Violet
18	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	3.1	0.13	800	Gray
22	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	2.9	0.15	800	Whit
27	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	2.45	0.23	600	Black
33	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	2.35	0.28	600	Brown
39	$\pm 2, \pm 5, \pm 10\%$	250	50 @ 500MHz	2.2	0.33	600	Red
47	$\pm 2, \pm 5, \pm 10\%$	200	50 @ 500MHz	2	0.39	600	Orange
56	$\pm 2, \pm 5, \pm 10\%$	200	50 @ 500MHz	1.85	0.39	500	Yellow
68	$\pm 2, \pm 5, \pm 10\%$	200	50 @ 500MHz	1.5	0.4	500	Green
82	$\pm 2, \pm 5, \pm 10\%$	150	50 @ 500MHz	1.5	0.44	500	Blue
100	$\pm 2, \pm 5, \pm 10\%$	150	50 @ 500MHz	1.2	0.64	400	Violet
120	$\pm 2, \pm 5, \pm 10\%$	150	40 @ 250MHz	1.15	0.68	300	Gray
150	$\pm 2, \pm 5, \pm 10\%$	150	40 @ 250MHz	1.05	0.8	300	Whit
1000	$\pm 2, \pm 5, \pm 10\%$	25	16 @ 50MHz	0.08	3.5	170	Black

## High Current Electrical Specifications

### MCFT03 Wire Wound Chip Inductors / High Current Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR (Ω) max.	IDC (mA) max.	Colour Code
6.8	±5, ±10%	250	35	5.8	0.054	2,100	Orange
10	±2, ±5, ±10%	250	38	3.7	0.071	2,000	Green
12	±2, ±5, ±10%	250	38	3	0.075	2,000	Blue
15	±2, ±5, ±10%	250	38	2.8	0.08	1,900	Violet
18	±2, ±5, ±10%	250	40	2.8	0.099	1,900	Gray
22	±2, ±5, ±10%	250	42	2.4	0.099	1,800	White

## High Q Electrical Specifications

### MCFT05 Wire Wound Chip Inductors / High Q Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Quality Factor min.	SRF (GHz) min.	DCR (Ω) max.	IDC (mA) max.	Colour Code
10	±5, ±10%	250	80 @ 1000MHz	3	0.06	1,600	Black
12	±5, ±10%	250	80 @ 1000MHz	3	0.045	1,600	Orange
15	±2, ±5, ±10%	250	80 @ 1000MHz	2.8	0.1	1,200	Black
18	±2, ±5, ±10%	250	75 @ 500MHz	2.55	0.06	1,400	Green
22	±2, ±5, ±10%	250	80 @ 500MHz	2	0.1	1,200	Black
27	±2, ±5, ±10%	250	75 @ 500MHz	2	0.07	1,300	Violet
39	±2, ±5, ±10%	250	65 @ 500MHz	1.6	0.11	1,100	White

## High SRF Electrical Specifications

### MCFT02 Wire Wound Chip Inductors / High SRF Type

Inductance (nH)	Tolerance	L Freq. (MHz)	Q		SRF (GHz) min.	DCR (Ω) max.	IDC (mA) max.
			900MHz	1.7GHz			
1	±0.2nH, ±0.5nH, ±5%, ±10%	250	46	75	16	0.03	2,300
2.2	±0.2nH, ±0.5nH, ±5%, ±10%	250	60	86	15.1	0.038	2,100
3.3	±0.5nH, ±3%, ±5%±10%	250	66	95	12.8	0.045	1,700
4.7	±0.5nH, ±3%, ±5%±10%	250	58	83	6.85	0.06	1,500
6.8	±2%, ±3%, ±5%, ±10%	250	68	94	5.8	0.055	1,500
10	±2%, ±3%, ±5%, ±10%	250	62	90	4.7	0.085	1,300
12	±2%, ±3%, ±5%, ±10%	250	66	100	4.4	0.09	1,200
15	±2%, ±3%, ±5%, ±10%	250	62	85	3.9	0.11	1,100
18	±2%, ±3%, ±5%, ±10%	250	58	74	3.55	0.12	900
22	±2%, ±3%, ±5%, ±10%	250	60	74	3.3	0.16	800

27	±2%, ±3%, ±5%, ±10%	250	62	86	3.2	0.275	450
33	±2%, ±3%, ±5%, ±10%	250	61	80	2.8	0.33	490
39	±2%, ±3%, ±5%, ±10%	250	56	84	2.6	0.43	450
47	±2%, ±3%, ±5%, ±10%	250	48	62	2.4	0.58	420

## MCFT02 Wire Wound Chip Inductors / High SRF Type

### Electrical Performance Test

Item	Requirement	Test Method
Inductance	Refer to standard electrical characteristic spec.	HP4286
Q		HP4286
SRF		HP4287
DC Resistance RDC		Micro-Ohm meter (Gom-801G)
Rated Current IDC		Applied the current to coils, The inductance change should be less than 10% to initial value
Over Load	Inductors shall have no evidence of electrical and mechanical damage	Applied 2 times of rated allowed DC current to inductor for a period of 5 minutes
Withstanding Voltage	Inductors shall be no evidence of electrical and mechanical damage.	AC voltage of 500 VAC applied between inductors terminal and case for 1 min.
Insulation Resistance	1,000MΩ min.	100 VDC applied between inductor terminal and case

### Mechanical Performance Test

Item	Requirement	Test Method
Vibration	Appearance: No damage L change: within ±5% Q change: within ±10%	Test device shall be soldered on the substrate Oscillation Frequency: 10 to 55 to 10Hz for 1 min. Amplitude: 1.5 mm Time: 2 hrs for each axis (X, Y & Z), total 6 hrs
Resistance to Soldering Heat		Solder Temperature: 260±5°C Immersion Time: 10±2 seconds
Component Adhesion (Push Test)	1 lbs. For 0402 2 lbs. For 0603 3 lbs. For the rest	The device should be soldered (260±5 for 10 seconds) to a tinned copper subs rate. A dynamiter force gauge should be applied to the side of the component. The device must with stand a minimum force of 2 or 4 pounds without a failure of adhesion on termination
Drop	No damage	Dropping chip by each side and each corner. Drop 10 times in total Drop height: 100 cm Drop weight: 125 g
Solderability	90% covered with solder	Inductor shall be dipped in a melted solder bath at 245±5 for 3 seconds
Resistance to Solvent	No damage on appearance and marking	MIL-STD-202F, Method 215D

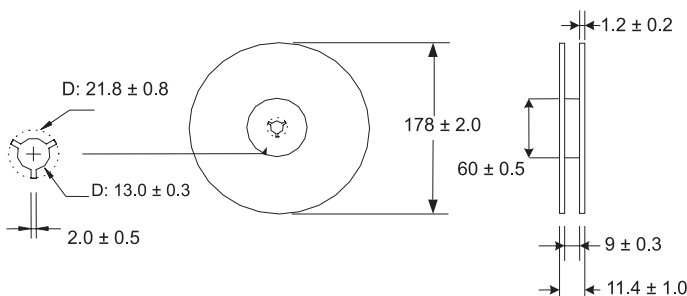
## Climatic Test

Item	Requirement	Test Method															
Temperature Characteristic	Appearance: No damage L change: within $\pm 10\%$ Q change: within $\pm 20\%$	-40 ~ +125°C															
Humidity		Temperature: 40 $\pm 2^\circ\text{C}$ Relative Humidity: 90 ~ 95% Time: 96 $\pm 2$ hrs Measured after exposure in the room condition for 2 hrs															
Low Temperature Storage		Temperature: -40 $\pm 2^\circ\text{C}$ Time: 96 $\pm 2$ hrs Inductors are tested after 1 hour at room temperature															
Thermal Shock		One cycle: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Step</th> <th>Temperature(<math>^\circ\text{C}</math>)</th> <th>Time (min.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-25 <math>\pm 3</math></td> <td>30</td> </tr> <tr> <td>2</td> <td>25 <math>\pm 2</math></td> <td>15</td> </tr> <tr> <td>3</td> <td>125 <math>\pm 3</math></td> <td>30</td> </tr> <tr> <td>4</td> <td>25 <math>\pm 2</math></td> <td>15</td> </tr> </tbody> </table> Total: 5 cycles	Step	Temperature( $^\circ\text{C}$ )	Time (min.)	1	-25 $\pm 3$	30	2	25 $\pm 2$	15	3	125 $\pm 3$	30	4	25 $\pm 2$	15
Step		Temperature( $^\circ\text{C}$ )	Time (min.)														
1		-25 $\pm 3$	30														
2	25 $\pm 2$	15															
3	125 $\pm 3$	30															
4	25 $\pm 2$	15															
High Temperature Storage	Temperature: 125 $\pm 2^\circ\text{C}$ Time: 96 $\pm 2$ hrs Measured after exposure in the room condition for 1 hour																
High Temperature Load Life	Temperature: 85 $\pm 2^\circ\text{C}$ Time: 1,000 $\pm 12$ hrs Load: Allowed DC current																
Damp Heat with Load	Temperature: 40 $\pm 2^\circ\text{C}$ Relative Humidity: 90 ~ 95% Time: 1,000 $\pm 12$ hrs Load: Allowed DC current																

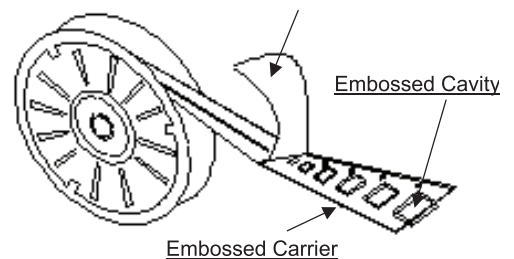
Storage Temperature: 25 $\pm 3^\circ\text{C}$ ; Humidity < 80%RH

## Packaging

### Reel Dimensions & Packaging Quantity

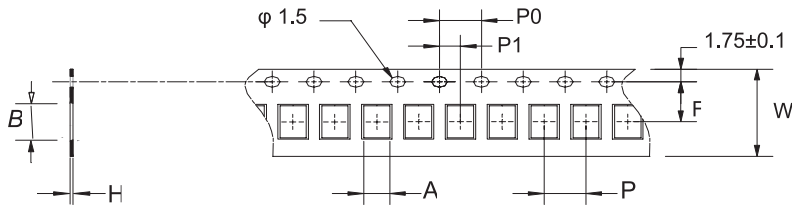


### Thickness: 0.1(0.004) Max





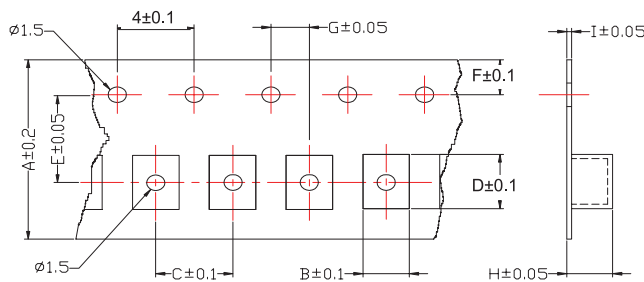
## Paper Tape specification and Packaging Quantity



Unit: mm

A	B	H	F	P	P0	P1	W	Reel (EA)
0.72	1.19	0.6	3.5	4	4	2	8	4,000
1.35	1.95	0.95	3.5	4	4	2	8	4,000

## Embossed Plastic Tape specification and Packaging Quantity



Unit: mm

A	B	C	D	E	F	G	H	I	Reel (EA)
8	1.85	4	2.3	3.5	1.75	2	1.45	0.23	2,000
8	1.8	4	2.3	3.5	1.75	2	0.9	0.23	2,000
8	1.85	4	2.3	3.5	1.75	2	1.45	0.23	2,000
8	1.95	4	3.5	3.5	1.75	2	1.5	0.23	2,000

## Part Number Table

Description	Part Number
Inductor, 0402, 1NH	MCFT000063
Inductor, 0402, 2.2NH	MCFT000064
Inductor, 0402, 3.3NH	MCFT000065
Inductor, 0402, 4.7NH	MCFT000066
Inductor, 0402, 6.8NH	MCFT000067
Inductor, 0402, 10NH	MCFT000068
Inductor, 0402, 12NH	MCFT000069
Inductor, 0402, 15NH	MCFT000070
Inductor, 0402, 18NH	MCFT000071

Inductor, 0402, 22NH	MCFT000072
Inductor, 0402, 27NH	MCFT000073
Inductor, 0402, 33NH	MCFT000074
Inductor, 0402, 39NH	MCFT000075
Inductor, 0402, 47NH	MCFT000076
Inductor, 0402, 56NH	MCFT000077
Inductor, 0402, 68NH	MCFT000078
Inductor, 0603, 2.2NH	MCFT000079
Inductor, 0603, 3.3NH	MCFT000080
Inductor, 0603, 4.7NH	MCFT000081

# Wire Wound Chip Inductors



Inductor, 0603, 6.8NH	MCFT000082
Inductor, 0603, 10NH	MCFT000083
Inductor, 0603, 12NH	MCFT000084
Inductor, 0603, 15NH	MCFT000085
Inductor, 0603, 18NH	MCFT000086
Inductor, 0603, 22NH	MCFT000087
Inductor, 0603, 27NH	MCFT000088
Inductor, 0603, 33NH	MCFT000089
Inductor, 0603, 39NH	MCFT000090
Inductor, 0603, 47NH	MCFT000091
Inductor, 0603, 56NH	MCFT000092
Inductor, 0603, 68NH	MCFT000093
Inductor, 0603, 82NH	MCFT000094
Inductor, 0603, 100NH	MCFT000095
Inductor, 0603, 120NH	MCFT000096
Inductor, 0603, 150NH	MCFT000097
Inductor, 0603, 180NH	MCFT000098
Inductor, 0603, 220NH	MCFT000099
Inductor, 0603, 270NH	MCFT000100
Inductor, 0603, 330NH	MCFT000101
Inductor, 0603, 390NH	MCFT000102
Inductor, 0603, 470NH	MCFT000103
Inductor, 0805, 10NH	MCFT000104
Inductor, 0805, 12NH	MCFT000105
Inductor, 0805, 15NH	MCFT000106
Inductor, 0805, 18NH	MCFT000107
Inductor, 0805, 22NH	MCFT000108
Inductor, 0805, 27NH	MCFT000109
Inductor, 0805, 33NH	MCFT000110
Inductor, 0805, 39NH	MCFT000111
Inductor, 0805, 47NH	MCFT000112
Inductor, 0805, 56NH	MCFT000113
Inductor, 0805, 68NH	MCFT000114
Inductor, 0805, 82NH	MCFT000115
Inductor, 0805, 100NH	MCFT000116

Inductor, 0805, 120NH	MCFT000117
Inductor, 0805, 150NH	MCFT000118
Inductor, 0805, 180NH	MCFT000119
Inductor, 0805, 220NH	MCFT000120
Inductor, 0805, 270NH	MCFT000121
Inductor, 0805, 330NH	MCFT000122
Inductor, 0805, 390NH	MCFT000123
Inductor, 0805, 470NH	MCFT000124
Inductor, 0805, 560NH	MCFT000125
Inductor, 0805, 680NH	MCFT000126
Inductor, 0805, 820NH	MCFT000127
Inductor, 0805, 1000NH	MCFT000128
Inductor, 0805, 1500NH	MCFT000129
Inductor, 0805, 2200NH	MCFT000130
Inductor, 0805, 3300NH	MCFT000131
Inductor, 0805, 4700NH	MCFT000132
Inductor, 0805, 10NH	MCFT000133
Inductor, 0805, 15NH	MCFT000134
Inductor, 0805, 22NH	MCFT000135
Inductor, 0805, 33NH	MCFT000136
Inductor, 0805, 47NH	MCFT000137
Inductor, 0805, 68NH	MCFT000138
Inductor, 0805, 100NH	MCFT000139
Inductor, 1206, 10NH	MCFT000140
Inductor, 1206, 15NH	MCFT000141
Inductor, 1206, 22NH	MCFT000142
Inductor, 1206, 33NH	MCFT000143
Inductor, 1206, 47NH	MCFT000144
Inductor, 1206, 68NH	MCFT000145
Inductor, 1206, 150NH	MCFT000146
Inductor, 1206, 220NH	MCFT000147
Inductor, 1206, 330NH	MCFT000148
Inductor, 1206, 470NH	MCFT000149
Inductor, 1206, 680NH	MCFT000150
Inductor, 1206, 1000NH	MCFT000151

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
 Farnell.com/multicomp-pro  
 Element14.com/multicomp-pro

