Data Sheet

Customer :

Product : Multilayer Chip Inductor – SFI Series

Size : 01005/0201/0402/0603/0805

Issued Date : 01-Jan.-2026

Edition : Ver. 1

Record of change

Date	Ver.	Description	Page
01-Jan.-2026	1		

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01-Jan.-2026	01-Jan.-2026	01-Jan.-2026	
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MULTILAYER CHIP INDUCTOR SFI SERIES

■Features

—Monolithic structure for high reliability

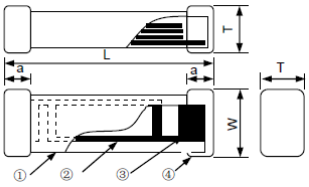
—High self-resonant frequency

—Excellent solderability and high heat resistance

■Applications

—RF circuit in telecommunication and other equipments

■Construction



①	Ceramic Material	③	Pull Out Electrode
②	Internal Electrode	④	End-termination

■Dimensions

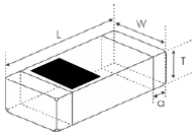


Figure1

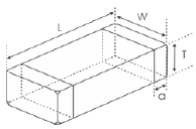


Figure2

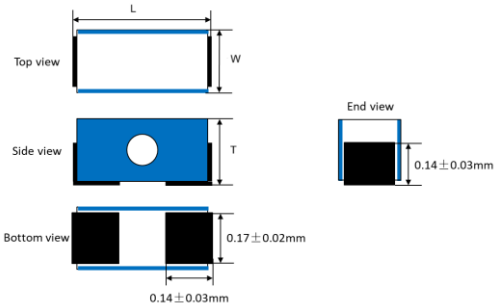


Figure3

Standard Unit: mm

Size (Inch)	Figure	L	W	T	a
01005	1	0.40±0.02	0.20±0.02	0.20±0.02	0.095±0.025
0402	1	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10
0603	2	1.60±0.20	0.80±0.20	0.80±0.20	0.30±0.20
0805	2	2.00±0.20	1.20±0.20	0.90±0.20	0.50±0.30

High Q Unit: mm

Size (Inch)	Figure	L	W	T	a
01005	3	0.40±0.02	0.20±0.02	0.20±0.02	-
0201	1	0.60±0.03	0.30±0.03	0.30±0.03	0.15±0.05
0402-Q1	1	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10
0402-Q2	1	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10

High Frequency Unit: mm

Size (Inch)	Figure	L	W	T	a
0402	2	1.00±0.15	0.50±0.15	0.50±0.15	0.25±0.10
0603	2	1.60±0.15	0.80±0.15	0.80±0.15	0.30±0.20

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MULTILAYER CHIP INDUCTOR SFI SERIES

■Part Numbering

SFI	0603	C	T	3N3	J	-□□
SERIES	SIZE	TYPE	PACKAGE	INDUCTANCE	TOLERANCE	INTERNAL CODE
	01005	C = Standard	T= Tape&Reel	1N0= 1.0nH	A= ±0.05nH	Q1 (0402)
	0201	Q = High Q		39N= 39nH	B= ±0.1nH	Q2 (0402)
	0402	H = High Frequency		R10= 100nH	C= ±0.2nH	
	0603				S= ±0.3nH	
	0805				G= ±2%	
					H= ±3%	
					J= ±5%	
					K= ±10%	

■Standard Electrical Specifications

Size 01005 Multilayer Chip Inductors / Standard Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI01005CT0R2□□□	0.2	±0.1nH, ±0.2nH, ±0.3nH	-	500MHz, 50mV	20.00	0.1	350
SFI01005CT0R3□□□	0.3	±0.1nH, ±0.2nH, ±0.3nH	-	500MHz, 50mV	20.00	0.2	350
SFI01005CT0R4□□□	0.4	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	18.00	0.2	350
SFI01005CT0R5□□□	0.5	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	18.00	0.2	350
SFI01005CT0R6□□□	0.6	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	17.00	0.3	320
SFI01005CT0R7□□□	0.7	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	16.50	0.3	320
SFI01005CT0R8□□□	0.8	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	13.00	0.4	320
SFI01005CT0R9□□□	0.9	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	13.00	0.4	320
SFI01005CT1R0□□□	1.0	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	13.00	0.4	250
SFI01005CT1R1□□□	1.1	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	12.50	0.5	250
SFI01005CT1R2□□□	1.2	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	12.50	0.5	250
SFI01005CT1R3□□□	1.3	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	11.50	0.6	250
SFI01005CT1R4□□□	1.4	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	11.50	0.6	250
SFI01005CT1R5□□□	1.5	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.50	0.6	220
SFI01005CT1R6□□□	1.6	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.50	0.6	220
SFI01005CT1R7□□□	1.7	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.50	0.6	200
SFI01005CT1R8□□□	1.8	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.00	0.6	200
SFI01005CT1R9□□□	1.9	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.00	0.6	200
SFI01005CT2R0□□□	2.0	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.00	0.6	200
SFI01005CT2R1□□□	2.1	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	9.00	0.6	200
SFI01005CT2R2□□□	2.2	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.7	200
SFI01005CT2R3□□□	2.3	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT2R4□□□	2.4	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT2R5□□□	2.5	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT2R6□□□	2.6	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT2R7□□□	2.7	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT2R8□□□	2.8	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT2R9□□□	2.9	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT3R0□□□	3.0	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.8	200
SFI01005CT3R1□□□	3.1	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	0.9	200
SFI01005CT3R2□□□	3.2	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.0	200
SFI01005CT3R3□□□	3.3	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.1	180
SFI01005CT3R4□□□	3.4	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.1	180
SFI01005CT3R5□□□	3.5	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.1	180
SFI01005CT3R6□□□	3.6	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.1	180
SFI01005CT3R7□□□	3.7	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.1	180
SFI01005CT3R8□□□	3.8	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.1	180
SFI01005CT3R9□□□	3.9	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.2	180
SFI01005CT4R0□□□	4.0	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.2	180
SFI01005CT4R1□□□	4.1	±0.1nH, ±0.2nH, ±0.3nH	8	500MHz, 50mV	7.50	1.2	180
SFI01005CT4R3□□□	4.3	±0.3nH, ±3%, ±5%	8	500MHz, 50mV	7.00	1.2	180
SFI01005CT4R7□□□	4.7	±0.3nH, ±3%, ±5%	8	500MHz, 50mV	6.50	1.3	160
SFI01005CT5R1□□□	5.1	±0.3nH, ±3%, ±5%	8	500MHz, 50mV	6.50	1.4	160
SFI01005CT5R6□□□	5.6	±3%, ±5%	8	500MHz, 50mV	6.00	1.5	140
SFI01005CT6R2□□□	6.2	±3%, ±5%	8	500MHz, 50mV	5.50	1.5	140
SFI01005CT6R8□□□	6.8	±3%, ±5%	8	500MHz, 50mV	5.50	1.6	140
SFI01005CT7R5□□□	7.5	±3%, ±5%	8	500MHz, 50mV	4.50	1.7	140
SFI01005CT8R2□□□	8.2	±3%, ±5%	8	500MHz, 50mV	4.50	1.8	140
SFI01005CT9R1□□□	9.1	±3%, ±5%	8	500MHz, 50mV	4.00	1.8	140
SFI01005CT10R□□□	10	±3%, ±5%	8	500MHz, 50mV	4.00	2.1	140
SFI01005CT11R□□□	11	±3%, ±5%	7	500MHz, 50mV	3.50	2.8	140

MULTILAYER CHIP INDUCTOR SFI SERIES

Part No.	Inductance (nH)	Tolerance	Quality Factor min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI01005CT12R□□□	12	±3%, ±5%	7	500MHz, 50mV	3.50	2.8	140
SFI01005CT13R□□□	13	±3%, ±5%	7	500MHz, 50mV	3.00	3.2	140
SFI01005CT15R□□□	15	±3%, ±5%	7	500MHz, 50mV	2.50	3.2	140
SFI01005CT18R□□□	18	±3%, ±5%	7	500MHz, 50mV	2.50	3.5	140
SFI01005CT20R□□□	20	±3%, ±5%	6	500MHz, 50mV	2.30	5.0	130
SFI01005CT22R□□□	22	±3%, ±5%	6	500MHz, 50mV	2.30	5.0	130
SFI01005CT24R□□□	24	±3%, ±5%	6	500MHz, 50mV	2.00	5.5	120
SFI01005CT27R□□□	27	±3%, ±5%	6	500MHz, 50mV	2.00	5.5	120
SFI01005CT30R□□□	30	±3%, ±5%	6	500MHz, 50mV	1.80	6.5	120
SFI01005CT33R□□□	33	±3%, ±5%	4	300MHz, 50mV	1.80	6.5	120
SFI01005CT36R□□□	36	±3%, ±5%	4	300MHz, 50mV	1.60	7.0	90
SFI01005CT39R□□□	39	±3%, ±5%	4	300MHz, 50mV	1.60	7.0	90

■Operating temperature range: -55~+125℃

■L/Q Test equipment: E4991+16196D

■Test compensation: Short bar residual inductance 0.11nH

■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

Size 0402 Multilayer Chip Inductors / Standard Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0402CT1N0□□□	1.0	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	10.00	0.06	1000
SFI0402CT1N1□□□	1.1	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	10.00	0.07	1000
SFI0402CT1N2□□□	1.2	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	10.00	0.07	1000
SFI0402CT1N3□□□	1.3	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	10.00	0.07	1000
SFI0402CT1N5□□□	1.5	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.08	1000
SFI0402CT1N6□□□	1.6	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.08	1000
SFI0402CT1N8□□□	1.8	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.08	900
SFI0402CT2N0□□□	2.0	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.09	900
SFI0402CT2N2□□□	2.2	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.09	900
SFI0402CT2N4□□□	2.4	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.10	800
SFI0402CT2N7□□□	2.7	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.12	800
SFI0402CT3N0□□□	3.0	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.12	800
SFI0402CT3N3□□□	3.3	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	6.00	0.13	800
SFI0402CT3N6□□□	3.6	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	4.00	0.15	700
SFI0402CT3N9□□□	3.9	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	4.00	0.16	700
SFI0402CT4N3□□□	4.3	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	4.00	0.16	700
SFI0402CT4N7□□□	4.7	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	4.00	0.16	700
SFI0402CT5N1□□□	5.1	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	4.00	0.16	600
SFI0402CT5N6□□□	5.6	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	4.00	0.20	600
SFI0402CT6N2□□□	6.2	±0.1nH, ±0.2nH, ±0.3nH	8	100MHz, 50mV	3.90	0.20	600
SFI0402CT6N8□□□	6.8	±2%, ±3%, ±5%	8	100MHz, 50mV	3.90	0.20	600
SFI0402CT7N5□□□	7.5	±2%, ±3%, ±5%	8	100MHz, 50mV	3.70	0.24	500
SFI0402CT8N2□□□	8.2	±2%, ±3%, ±5%	8	100MHz, 50mV	3.60	0.24	500
SFI0402CT9N1□□□	9.1	±2%, ±3%, ±5%	8	100MHz, 50mV	3.40	0.26	500
SFI0402CT10N□□□	10	±2%, ±3%, ±5%	8	100MHz, 50mV	3.20	0.26	500
SFI0402CT12N□□□	12	±2%, ±3%, ±5%	8	100MHz, 50mV	2.70	0.50	400
SFI0402CT15N□□□	15	±2%, ±3%, ±5%	8	100MHz, 50mV	2.30	0.50	400
SFI0402CT18N□□□	18	±2%, ±3%, ±5%	8	100MHz, 50mV	2.10	0.60	350
SFI0402CT20N□□□	20	±2%, ±3%, ±5%	8	100MHz, 50mV	2.00	0.60	350
SFI0402CT22N□□□	22	±2%, ±3%, ±5%	8	100MHz, 50mV	1.90	0.60	350
SFI0402CT27N□□□	27	±2%, ±3%, ±5%	8	100MHz, 50mV	1.60	0.70	300
SFI0402CT33N□□□	33	±2%, ±3%, ±5%	8	100MHz, 50mV	1.30	0.80	300
SFI0402CT39N□□□	39	±2%, ±3%, ±5%	8	100MHz, 50mV	1.20	1.00	250
SFI0402CT43N□□□	43	±2%, ±3%, ±5%	8	100MHz, 50mV	1.10	1.10	250
SFI0402CT47N□□□	47	±2%, ±3%, ±5%	8	100MHz, 50mV	1.00	1.10	250

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Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0402CT56N□□□	56	±2%, ±3%, ±5%	8	100MHz, 50mV	0.75	1.20	200
SFI0402CT68N□□□	68	±2%, ±3%, ±5%	8	100MHz, 50mV	0.75	1.40	200
SFI0402CT82N□□□	82	±2%, ±3%, ±5%	8	100MHz, 50mV	0.75	1.60	200
SFI0402CTR10□□□	100	±2%, ±3%, ±5%	8	100MHz, 50mV	0.70	2.00	200
SFI0402CTR12□□□	120	±2%, ±3%, ±5%	8	100MHz, 50mV	0.60	2.50	150
SFI0402CTR15□□□	150	±2%, ±3%, ±5%	8	100MHz, 50mV	0.55	3.00	150
SFI0402CTR18□□□	180	±2%, ±3%, ±5%	8	100MHz, 50mV	0.50	3.50	150
SFI0402CTR22□□□	220	±2%, ±3%, ±5%	8	100MHz, 50mV	0.45	3.70	100
SFI0402CTR27□□□	270	±2%, ±3%, ±5%	8	100MHz, 50mV	0.40	4.50	100
SFI0402CTR33□□□	330	±2%, ±3%, ±5%	6	50MHz, 50mV	0.35	5.00	80

■Operating temperature range: -55~+125℃
■Compensation value: 0 nH
■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

Size 0603 Multilayer Chip Inductors / Standard Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	Test Voltage (mV)	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0603CT1N0□□□	1.0	±0.3nH	8	100MHz, 50mV	50	10.00	0.05	500
SFI0603CT1N2□□□	1.2	±0.3nH	8	100MHz, 50mV	50	10.00	0.05	500
SFI0603CT1N5□□□	1.5	±0.3nH	8	100MHz, 50mV	50	6.00	0.10	500
SFI0603CT1N8□□□	1.8	±0.3nH	8	100MHz, 50mV	50	6.00	0.10	500
SFI0603CT2N0□□□	2.0	±0.3nH	8	100MHz, 50mV	50	6.00	0.10	500
SFI0603CT2N2□□□	2.2	±0.3nH	8	100MHz, 50mV	50	6.00	0.10	500
SFI0603CT2N4□□□	2.4	±0.3nH	8	100MHz, 50mV	50	6.00	0.12	500
SFI0603CT2N7□□□	2.7	±0.3nH	10	100MHz, 50mV	50	6.00	0.12	500
SFI0603CT3N3□□□	3.3	±0.3nH	10	100MHz, 50mV	50	6.00	0.15	500
SFI0603CT3N6□□□	3.6	±0.3nH	10	100MHz, 50mV	50	6.00	0.16	500
SFI0603CT3N9□□□	3.9	±0.3nH	10	100MHz, 50mV	50	6.00	0.16	500
SFI0603CT4N3□□□	4.3	±0.3nH	10	100MHz, 50mV	50	6.00	0.18	500
SFI0603CT4N7□□□	4.7	±0.3nH	10	100MHz, 50mV	50	6.00	0.20	500
SFI0603CT5N1□□□	5.1	±0.3nH	10	100MHz, 50mV	50	5.50	0.25	500
SFI0603CT5N6□□□	5.6	±0.3nH	10	100MHz, 50mV	50	5.00	0.25	500
SFI0603CT6N8□□□	6.8	±5%, ±10%	10	100MHz, 50mV	50	5.00	0.30	500
SFI0603CT7N5□□□	7.5	±5%, ±10%	10	100MHz, 50mV	50	4.50	0.35	500
SFI0603CT8N2□□□	8.2	±5%, ±10%	10	100MHz, 50mV	50	4.50	0.35	500
SFI0603CT9N1□□□	9.1	±5%, ±10%	10	100MHz, 50mV	50	3.50	0.40	500
SFI0603CT10N□□□	10	±5%, ±10%	12	100MHz, 50mV	50	3.50	0.40	300
SFI0603CT12N□□□	12	±5%, ±10%	12	100MHz, 50mV	50	3.00	0.45	300
SFI0603CT15N□□□	15	±5%, ±10%	12	100MHz, 50mV	50	2.30	0.50	300
SFI0603CT18N□□□	18	±5%, ±10%	12	100MHz, 50mV	50	2.20	0.55	300
SFI0603CT22N□□□	22	±5%, ±10%	12	100MHz, 50mV	50	2.00	0.60	300
SFI0603CT24N□□□	24	±5%, ±10%	12	100MHz, 50mV	50	2.00	0.60	300
SFI0603CT27N□□□	27	±5%, ±10%	12	100MHz, 50mV	50	1.70	0.65	300
SFI0603CT33N□□□	33	±5%, ±10%	12	100MHz, 50mV	50	1.50	0.70	300
SFI0603CT36N□□□	36	±5%, ±10%	12	100MHz, 50mV	50	1.40	0.70	300
SFI0603CT39N□□□	39	±5%, ±10%	12	100MHz, 50mV	50	1.40	0.70	300
SFI0603CT57N□□□	47	±5%, ±10%	12	100MHz, 50mV	50	1.20	0.70	300
SFI0603CT56N□□□	56	±5%, ±10%	12	100MHz, 50mV	50	1.10	0.75	300

MULTILAYER CHIP INDUCTOR SFI SERIES

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	Test Voltage (mV)	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0603CT68N□□□	68	±5%, ±10%	12	100MHz, 50mV	50	0.90	0.85	300
SFI0603CT82N□□□	82	±5%, ±10%	8	100MHz, 50mV	50	0.80	1.00	300
SFI0603CTR10□□□	100	±5%, ±10%	8	100MHz, 50mV	50	0.70	1.20	300
SFI0603CTR12□□□	120	±5%, ±10%	8	50MHz, 50mV	50	0.60	1.40	200
SFI0603CTR15□□□	150	±5%, ±10%	8	50MHz, 50mV	50	0.50	1.60	200
SFI0603CTR18□□□	180	±5%, ±10%	8	50MHz, 50mV	50	0.40	1.90	200
SFI0603CTR22□□□	220	±5%, ±10%	8	50MHz, 50mV	50	0.35	2.40	200
SFI0603CTR27□□□	270	±5%, ±10%	8	50MHz, 50mV	50	0.35	2.60	150
SFI0603CTR33□□□	330	±5%, ±10%	8	50MHz, 50mV	50	0.35	2.80	150
SFI0603CTR39□□□	390	±5%, ±10%	8	50MHz, 50mV	50	0.30	3.20	150
SFI0603CTR43□□□	430	±5%, ±10%	8	50MHz, 50mV	50	0.28	3.40	150
SFI0603CTR47□□□	470	±5%, ±10%	8	50MHz, 50mV	50	0.25	3.60	150

■Operating temperature range: -55~+125℃

■Compensation value: 0 nH

■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

HITANO ENTERPRISE CORP.®

MULTILAYER CHIP INDUCTOR SFI SERIES

Size 0805 Multilayer Chip Inductors / Standard Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	SRF min. (GHz)	RDC (Ω) max.	IDC (mA) max.
SFI0805CT1N5□□□	1.5	±0.3nH	10	100MHz, 50mV	6.00	0.10	500
SFI0805CT1N8□□□	1.8	±0.3nH	10	100MHz, 50mV	6.00	0.10	500
SFI0805CT2N2□□□	2.2	±0.3nH	10	100MHz, 50mV	6.00	0.10	500
SFI0805CT2N7□□□	2.7	±0.3nH	12	100MHz, 50mV	5.50	0.10	500
SFI0805CT3N3□□□	3.3	±0.3nH	12	100MHz, 50mV	5.00	0.13	500
SFI0805CT3N9□□□	3.9	±0.3nH	12	100MHz, 50mV	4.50	0.15	500
SFI0805CT4N3□□□	4.3	±0.3nH	12	100MHz, 50mV	4.00	0.20	500
SFI0805CT4N7□□□	4.7	±0.3nH	12	100MHz, 50mV	4.00	0.20	500
SFI0805CT5N6□□□	5.6	±0.3nH	15	100MHz, 50mV	3.50	0.23	500
SFI0805CT6N8□□□	6.8	±5%, ±10%	15	100MHz, 50mV	3.00	0.25	500
SFI0805CT8N2□□□	8.2	±5%, ±10%	15	100MHz, 50mV	2.50	0.28	500
SFI0805CT10N□□□	10	±5%, ±10%	15	100MHz, 50mV	2.20	0.30	500
SFI0805CT12N□□□	12	±5%, ±10%	15	100MHz, 50mV	2.00	0.35	500
SFI0805CT15N□□□	15	±5%, ±10%	15	100MHz, 50mV	1.80	0.40	500
SFI0805CT18N□□□	18	±5%, ±10%	15	100MHz, 50mV	1.60	0.45	300
SFI0805CT22N□□□	22	±5%, ±10%	15	100MHz, 50mV	1.50	0.50	300
SFI0805CT27N□□□	27	±5%, ±10%	15	100MHz, 50mV	1.40	0.55	300
SFI0805CT33N□□□	33	±5%, ±10%	15	100MHz, 50mV	1.30	0.60	300
SFI0805CT39N□□□	39	±5%, ±10%	15	100MHz, 50mV	1.10	0.65	300
SFI0805CT43N□□□	43	±5%, ±10%	18	100MHz, 50mV	1.00	0.70	300
SFI0805CT47N□□□	47	±5%, ±10%	18	100MHz, 50mV	1.00	0.70	300
SFI0805CT56N□□□	56	±5%, ±10%	18	100MHz, 50mV	0.90	0.75	300
SFI0805CT68N□□□	68	±5%, ±10%	18	100MHz, 50mV	0.85	0.80	300
SFI0805CT82N□□□	82	±5%, ±10%	18	100MHz, 50mV	0.80	0.90	300
SFI0805CTR10□□□	100	±5%, ±10%	18	100MHz, 50mV	0.70	0.90	300
SFI0805CTR12□□□	120	±5%, ±10%	13	50MHz, 50mV	0.60	0.95	300
SFI0805CTR15□□□	150	±5%, ±10%	13	50MHz, 50mV	0.55	1.20	300
SFI0805CTR18□□□	180	±5%, ±10%	13	50MHz, 50mV	0.50	1.30	300
SFI0805CTR22□□□	220	±5%, ±10%	12	50MHz, 50mV	0.40	1.50	300
SFI0805CTR27□□□	270	±5%, ±10%	12	50MHz, 50mV	0.35	1.80	300
SFI0805CTR33□□□	330	±5%, ±10%	12	50MHz, 50mV	0.30	2.00	300
SFI0805CTR39□□□	390	±5%, ±10%	10	50MHz, 50mV	0.25	2.00	300
SFI0805CTR47□□□	470	±5%, ±10%	10	50MHz, 50mV	0.20	2.00	300

■Operating temperature range: -55~+125℃

■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

■Compensation value:

100MHZ

Ls≤39N: 0 nH ; 39N<Ls≤ 68 N: -1 nH ; 75N<Ls<R12: -2 nH

50MHZ

Ls=R12: -2 nH ; R15≤Ls≤R18:-4 nH ; Ls=R22:-5 nH ; Ls=R27:-8 nH ; Ls=R33:-9 nH ; Ls=R39:-11 nH ; Ls=R47:-13 nH

HITANO ENTERPRISE CORP.®

MULTILAYER CHIP INDUCTOR SFI SERIES

■High Q Electrical Specifications

Size 01005 Multilayer Chip Inductors / High Q Type □:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI01005QTN20□□□	0.2	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.1	990
SFI01005QTN30□□□	0.3	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.1	990
SFI01005QTN40□□□	0.4	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.1	990
SFI01005QTN50□□□	0.5	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.1	730
SFI01005QTN60□□□	0.6	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.1	730
SFI01005QTN70□□□	0.7	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.15	630
SFI01005QTN80□□□	0.8	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.15	630
SFI01005QTN90□□□	0.9	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.15	580
SFI01005QT1N0□□□	1.0	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.15	580
SFI01005QT1N1□□□	1.1	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.2	570
SFI01005QT1N2□□□	1.2	±0.1nH, ±0.2nH	10	500MHz, 50mV	16.6	0.2	550
SFI01005QT1N3□□□	1.3	±0.1nH, ±0.2nH	10	500MHz, 50mV	15.0	0.2	400
SFI01005QT1N4□□□	1.4	±0.1nH, ±0.2nH	10	500MHz, 50mV	15.0	0.2	400
SFI01005QT1N5□□□	1.5	±0.1nH, ±0.2nH	10	500MHz, 50mV	15.0	0.2	400
SFI01005QT1N6□□□	1.6	±0.1nH, ±0.2nH	10	500MHz, 50mV	15.0	0.3	390
SFI01005QT1N7□□□	1.7	±0.1nH, ±0.2nH	10	500MHz, 50mV	15.0	0.3	380
SFI01005QT1N8□□□	1.8	±0.1nH, ±0.2nH	10	500MHz, 50mV	15.0	0.3	380
SFI01005QT1N9□□□	1.9	±0.1nH, ±0.2nH	10	500MHz, 50mV	13.0	0.3	380
SFI01005QT2N0□□□	2.0	±0.1nH, ±0.2nH	10	500MHz, 50mV	13.0	0.3	380
SFI01005QT2N1□□□	2.1	±0.1nH, ±0.2nH	10	500MHz, 50mV	13.0	0.3	380
SFI01005QT2N2□□□	2.2	±0.1nH, ±0.2nH	10	500MHz, 50mV	13.0	0.3	380
SFI01005QT2N3□□□	2.3	±0.1nH, ±0.2nH	10	500MHz, 50mV	13.0	0.4	380
SFI01005QT2N4□□□	2.4	±0.1nH, ±0.2nH	10	500MHz, 50mV	13.0	0.4	370
SFI01005QT2N5□□□	2.5	±0.1nH, ±0.2nH	10	500MHz, 50mV	11.5	0.4	370
SFI01005QT2N6□□□	2.6	±0.1nH, ±0.2nH	10	500MHz, 50mV	11.5	0.4	370
SFI01005QT2N7□□□	2.7	±0.1nH, ±0.2nH	10	500MHz, 50mV	11.5	0.4	370
SFI01005QT2N8□□□	2.8	±0.1nH, ±0.2nH	10	500MHz, 50mV	10.0	0.45	360
SFI01005QT2N9□□□	2.9	±0.1nH, ±0.2nH	10	500MHz, 50mV	10.0	0.45	360
SFI01005QT3N0□□□	3.0	±0.1nH, ±0.2nH	10	500MHz, 50mV	10.0	0.45	360
SFI01005QT3N1□□□	3.1	±0.1nH, ±0.2nH	10	500MHz, 50mV	10.0	0.9	290
SFI01005QT3N2□□□	3.2	±0.1nH, ±0.2nH	10	500MHz, 50mV	10.0	0.9	290
SFI01005QT3N3□□□	3.3	±0.1nH, ±0.2nH	10	500MHz, 50mV	10.0	0.9	290
SFI01005QT3N4□□□	3.4	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.70	1.0	280
SFI01005QT3N5□□□	3.5	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.70	1.0	280
SFI01005QT3N6□□□	3.6	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.70	1.0	280
SFI01005QT3N7□□□	3.7	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.70	1.0	270
SFI01005QT3N8□□□	3.8	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.70	1.0	270
SFI01005QT3N9□□□	3.9	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.00	1.0	270
SFI01005QT4N0□□□	4.0	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.00	1.0	270
SFI01005QT4N1□□□	4.1	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.00	1.0	270
SFI01005QT4N2□□□	4.2	±0.1nH, ±0.2nH	10	500MHz, 50mV	9.00	1.0	270
SFI01005QT4N3□□□	4.3	±3%, ±5%	10	500MHz, 50mV	9.00	1.0	270
SFI01005QT4N7□□□	4.7	±3%, ±5%	10	500MHz, 50mV	8.50	1.0	270
SFI01005QT5N1□□□	5.1	±3%, ±5%	10	500MHz, 50mV	7.80	1.2	250
SFI01005QT5N6□□□	5.6	±3%, ±5%	10	500MHz, 50mV	7.80	1.3	230
SFI01005QT6N2□□□	6.2	±3%, ±5%	10	500MHz, 50mV	7.20	1.3	220
SFI01005QT6N8□□□	6.8	±3%, ±5%	10	500MHz, 50mV	6.60	1.4	210
SFI01005QT7N8□□□	7.5	±3%, ±5%	10	500MHz, 50mV	6.60	1.5	200
SFI01005QT8N2□□□	8.2	±3%, ±5%	10	500MHz, 50mV	6.60	1.6	190
SFI01005QT9N1□□□	9.1	±3%, ±5%	10	500MHz, 50mV	5.90	1.7	170
SFI01005QT10N□□□	10	±3%, ±5%	10	500MHz, 50mV	5.50	1.7	170
SFI01005QT11N□□□	11	±3%, ±5%	10	500MHz, 50mV	3.50	1.9	140
SFI01005QT12N□□□	12	±3%, ±5%	10	500MHz, 50mV	3.50	2.1	140
SFI01005QT13N□□□	13	±3%, ±5%	10	500MHz, 50mV	3.00	2.1	140
SFI01005QT15N□□□	15	±3%, ±5%	10	500MHz, 50mV	3.00	2.3	140
SFI01005QT16N□□□	16	±3%, ±5%	10	500MHz, 50mV	2.50	2.5	140
SFI01005QT18N□□□	18	±3%, ±5%	8	500MHz, 50mV	2.50	2.5	140

MULTILAYER CHIP INDUCTOR SFI SERIES

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI01005QT19N□□□	19	±3%, ±5%	8	500MHz, 50mV	2.70	2.9	140
SFI01005QT20N□□□	20	±3%, ±5%	8	500MHz, 50mV	2.70	2.9	140
SFI01005QT21N□□□	21	±3%, ±5%	8	500MHz, 50mV	2.30	3.2	120
SFI01005QT22N□□□	22	±3%, ±5%	8	500MHz, 50mV	2.30	3.2	120

■Operating temperature range: -55~+125 ˚

■L/Q Test equipment: E4991B+16196D

■Compensation value 0.11nH

■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

MULTILAYER CHIP INDUCTOR SFI SERIES

Size 0201 Multilayer Chip Inductors / High Q Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	Test Condition	SRF (GHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0201QTN60□□□	0.6	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.05	1000
SFI0201QTN70□□□	0.7	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.05	1000
SFI0201QTN80□□□	0.8	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.06	1000
SFI0201QTN90□□□	0.9	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.06	800
SFI0201QT1N0□□□	1.0	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.07	800
SFI0201QT1N1□□□	1.1	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.07	800
SFI0201QT1N2□□□	1.2	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.10	800
SFI0201QT1N3□□□	1.3	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.10	700
SFI0201QT1N4□□□	1.4	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.10	700
SFI0201QT1N5□□□	1.5	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.10	650
SFI0201QT1N6□□□	1.6	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.10	650
SFI0201QT1N7□□□	1.7	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	10.00	0.10	650
SFI0201QT1N8□□□	1.8	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	9.00	0.15	650
SFI0201QT2N0□□□	2.0	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	8.50	0.15	650
SFI0201QT2N2□□□	2.2	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.15	650
SFI0201QT2N4□□□	2.4	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.15	550
SFI0201QT2N6□□□	2.6	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.20	550
SFI0201QT2N7□□□	2.7	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.20	550
SFI0201QT2N8□□□	2.8	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.20	500
SFI0201QT3N0□□□	3.0	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.20	450
SFI0201QT3N3□□□	3.3	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	7.50	0.25	450
SFI0201QT3N6□□□	3.6	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	6.50	0.25	400
SFI0201QT3N9□□□	3.9	±0.1nH, ±0.2nH, ±0.3nH	14	500MHz, 50mV	6.50	0.25	400
SFI0201QT4N3□□□	4.3	±0.3nH, ±3%, ±5%	14	500MHz, 50mV	6.00	0.35	350
SFI0201QT4N7□□□	4.7	±0.3nH, ±3%, ±5%	14	500MHz, 50mV	6.00	0.40	350
SFI0201QT5N1□□□	5.1	±0.3nH, ±3%, ±5%	14	500MHz, 50mV	5.50	0.40	350
SFI0201QT5N6□□□	5.6	±3%, ±5%	14	500MHz, 50mV	5.00	0.40	350
SFI0201QT6N2□□□	6.2	±3%, ±5%	14	500MHz, 50mV	5.00	0.40	300
SFI0201QT6N8□□□	6.8	±3%, ±5%	14	500MHz, 50mV	4.50	0.50	300
SFI0201QT7N5□□□	7.5	±3%, ±5%	14	500MHz, 50mV	4.00	0.50	300
SFI0201QT8N2□□□	8.2	±3%, ±5%	14	500MHz, 50mV	4.00	0.50	250
SFI0201QT9N1□□□	9.1	±3%, ±5%	14	500MHz, 50mV	4.00	0.70	250
SFI0201QT10N□□□	10	±3%, ±5%	14	500MHz, 50mV	4.00	0.70	250
SFI0201QT12N□□□	12	±3%, ±5%	13	500MHz, 50mV	3.50	0.70	250
SFI0201QT15N□□□	15	±3%, ±5%	13	500MHz, 50mV	3.20	0.85	250
SFI0201QT18N□□□	18	±3%, ±5%	13	500MHz, 50mV	3.00	1.00	200
SFI0201QT20N□□□	20	±3%, ±5%	13	500MHz, 50mV	2.20	1.10	150
SFI0201QT22N□□□	22	±3%, ±5%	13	500MHz, 50mV	2.20	1.20	150
SFI0201QT27N□□□	27	±3%, ±5%	13	500MHz, 50mV	2.20	1.50	140
SFI0201QT33N□□□	33	±3%, ±5%	12	300MHz, 50mV	1.80	1.80	120
SFI0201QT36N□□□	36	±3%, ±5%	12	300MHz, 50mV	1.70	2.00	120
SFI0201QT39N□□□	39	±3%, ±5%	12	300MHz, 50mV	1.60	2.00	120
SFI0201QT43N□□□	43	±3%, ±5%	12	300MHz, 50mV	1.60	2.20	100
SFI0201QT47N□□□	47	±3%, ±5%	12	300MHz, 50mV	1.50	2.20	100
SFI0201QT56N□□□	56	±3%, ±5%	12	300MHz, 50mV	1.20	2.50	100
SFI0201QT68N□□□	68	±3%, ±5%	12	300MHz, 50mV	1.00	3.20	100
SFI0201QT75N□□□	75	±3%, ±5%	11	300MHz, 50mV	1.00	3.60	100
SFI0201QT82N□□□	82	±3%, ±5%	11	300MHz, 50mV	1.00	3.80	100
SFI0201QT91N□□□	91	±3%, ±5%	11	300MHz, 50mV	0.90	3.80	80
SFI0201QTR10□□□	100	±3%, ±5%	11	300MHz, 50mV	0.80	4.00	80
SFI0201QTR12□□□	120	±3%, ±5%	10	300MHz, 50mV	0.80	5.00	80

■Operating temperature range: -55~+125 ˇ

■L/Q Test equipment: E4991b+16196A

■Compensation value: Ls＜3N6: 0.25nH; 3N6≤Ls＜6N8: 0.43nH; 6N8≤Ls＜9N1: 0.50nH; 9N1≤Ls＜33N: 0.85nH; Ls≥33N: 0.85nH

MULTILAYER CHIP INDUCTOR SFI SERIES

Size 0402-Q1 Multilayer Chip Inductors / High Q Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Q min.	Test Frequency (MHz)	Test Voltage (mV)	SRF (MHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0402QT1N0□-Q1	1.0	±0.05nH, ±0.1nH	13	500	50	6000	0.1	400
SFI0402QT1N1□-Q1	1.1	±0.05nH, ±0.1nH	13	500	50	6000	0.1	390
SFI0402QT1N2□-Q1	1.2	±0.05nH, ±0.1nH	13	500	50	6000	0.1	390
SFI0402QT1N3□-Q1	1.3	±0.05nH, ±0.1nH	13	500	50	6000	0.2	280
SFI0402QT1N4□-Q1	1.4	±0.05nH, ±0.1nH	13	500	50	6000	0.2	280
SFI0402QT1N5□-Q1	1.5	±0.05nH, ±0.1nH	13	500	50	6000	0.2	280
SFI0402QT1N6□-Q1	1.6	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT1N7□-Q1	1.7	±0.05nH, ±0.1nH	13	500	50	6000	0.3	280
SFI0402QT1N8□-Q1	1.8	±0.05nH, ±0.1nH	13	500	50	6000	0.3	280
SFI0402QT1N9□-Q1	1.9	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N0□-Q1	2.0	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N1□-Q1	2.1	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N2□-Q1	2.2	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N3□-Q1	2.3	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N4□-Q1	2.4	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N5□-Q1	2.5	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N6□-Q1	2.6	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N7□-Q1	2.7	±0.05nH, ±0.1nH	13	500	50	6000	0.3	220
SFI0402QT2N8□-Q1	2.8	±0.05nH, ±0.1nH	13	500	50	6000	0.4	190
SFI0402QT2N9□-Q1	2.9	±0.05nH, ±0.1nH	13	500	50	6000	0.4	190
SFI0402QT3N0□-Q1	3.0	±0.05nH, ±0.1nH	13	500	50	6000	0.4	190
SFI0402QT3N1□-Q1	3.1	±0.05nH, ±0.1nH	13	500	50	6000	0.4	190
SFI0402QT3N2□-Q1	3.2	±0.05nH, ±0.1nH	13	500	50	6000	0.4	190
SFI0402QT3N3□-Q1	3.3	±0.05nH, ±0.1nH	13	500	50	6000	0.5	190
SFI0402QT3N4□-Q1	3.4	±0.05nH, ±0.1nH	13	500	50	6000	0.5	190
SFI0402QT3N5□-Q1	3.5	±0.05nH, ±0.1nH	13	500	50	6000	0.5	190
SFI0402QT3N6□-Q1	3.6	±0.05nH, ±0.1nH	13	500	50	6000	0.5	190
SFI0402QT3N7□-Q1	3.7	±0.05nH, ±0.1nH	13	500	50	6000	0.5	190
SFI0402QT3N8□-Q1	3.8	±0.05nH, ±0.1nH	14	500	50	6000	0.5	170
SFI0402QT3N9□-Q1	3.9	±0.05nH, ±0.1nH	14	500	50	6000	0.5	170
SFI0402QT4N3□-Q1	4.3	±0.1nH	14	500	50	6000	0.6	160
SFI0402QT4N7□-Q1	4.7	±0.1nH	14	500	50	6000	0.6	160
SFI0402QT5N1□-Q1	5.1	±0.1nH	14	500	50	6000	0.7	140
SFI0402QT5N6□-Q1	5.6	±0.1nH	14	500	50	6000	0.7	140
SFI0402QT6N2□-Q1	6.2	±0.1nH	14	500	50	6000	0.9	130
SFI0402QT6N8□-Q1	6.8	±0.1nH	14	500	50	6000	0.9	130
SFI0402QT7N5□-Q1	7.5	±0.1nH	14	500	50	5500	1.1	110
SFI0402QT8N2□-Q1	8.2	±0.1nH	14	500	50	5500	1.1	110
SFI0402QT9N1□-Q1	9.1	±0.1nH	14	500	50	4500	1.3	100
SFI0402QT10N□-Q1	10	±2%, ±3%	14	500	50	4500	1.3	100
SFI0402QT12N□-Q1	12	±2%, ±3%	14	500	50	3700	1.6	90
SFI0402QT15N□-Q1	15	±2%, ±3%	14	500	50	3300	1.8	90
SFI0402QT18N□-Q1	18	±2%, ±3%	14	500	50	3100	2.0	80
SFI0402QT22N□-Q1	22	±2%, ±3%	14	500	50	2800	2.6	70
SFI0402QT27N□-Q1	27	±2%, ±3%	13	500	50	2500	3.8	60
SFI0402QT33N□-Q1	33	±2%, ±3%	13	500	50	2100	3.8	60

■Operating temperature range: -55~+125℃

■Keysight E4992A+Testing fixture 16197A.Short bar residual inductance=0.556nH

■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

HITANO ENTERPRISE CORP.®

MULTILAYER CHIP INDUCTOR SFI SERIES

Size 0402-Q2 Multilayer Chip Inductors / High Q Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	L Test Frequency (MHz)	Q min.	Q Test Frequency (MHz)	Test Voltage (mV)	SRF (MHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0402QT0N6□-Q2	0.6	±0.1nH, ±0.2nH, ±0.3nH	100	-	250	50	15000	0.01	1200
SFI0402QT0N7□-Q2	0.7	±0.1nH, ±0.2nH, ±0.3nH	100	-	250	50	15000	0.02	1200
SFI0402QT0N8□-Q2	0.8	±0.1nH, ±0.2nH, ±0.3nH	100	-	250	50	15000	0.02	1200
SFI0402QT0N9□-Q2	0.9	±0.1nH, ±0.2nH, ±0.3nH	100	-	250	50	15000	0.03	1200
SFI0402QT1N0□-Q2	1.0	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	15000	0.03	1200
SFI0402QT1N1□-Q2	1.1	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	14000	0.03	1200
SFI0402QT1N2□-Q2	1.2	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	13000	0.03	1200
SFI0402QT1N3□-Q2	1.3	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	12000	0.03	1200
SFI0402QT1N4□-Q2	1.4	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	13000	0.04	1200
SFI0402QT1N5□-Q2	1.5	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	11000	0.04	1000
SFI0402QT1N6□-Q2	1.6	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	10000	0.04	1000
SFI0402QT1N7□-Q2	1.7	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	10000	0.04	1000
SFI0402QT1N8□-Q2	1.8	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	9000	0.04	1000
SFI0402QT1N9□-Q2	1.9	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	8000	0.05	1000
SFI0402QT2N0□-Q2	2.0	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	8000	0.05	1000
SFI0402QT2N1□-Q2	2.1	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	8000	0.06	1000
SFI0402QT2N2□-Q2	2.2	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	8000	0.06	1000
SFI0402QT2N3□-Q2	2.3	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	7000	0.07	1000
SFI0402QT2N4□-Q2	2.4	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6500	0.06	1000
SFI0402QT2N5□-Q2	2.5	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6500	0.07	900
SFI0402QT2N6□-Q2	2.6	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6500	0.07	900
SFI0402QT2N7□-Q2	2.7	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6500	0.07	900
SFI0402QT2N8□-Q2	2.8	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6500	0.07	900
SFI0402QT2N9□-Q2	2.9	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6500	0.08	900
SFI0402QT3N0□-Q2	3.0	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6000	0.09	900
SFI0402QT3N1□-Q2	3.1	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6000	0.09	900
SFI0402QT3N2□-Q2	3.2	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6000	0.09	900
SFI0402QT3N3□-Q2	3.3	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6000	0.08	900
SFI0402QT3N4□-Q2	3.4	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	6000	0.09	900
SFI0402QT3N5□-Q2	3.5	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5800	0.09	900
SFI0402QT3N6□-Q2	3.6	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5500	0.09	900
SFI0402QT3N7□-Q2	3.7	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5500	0.10	900
SFI0402QT3N8□-Q2	3.8	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5000	0.10	900
SFI0402QT3N9□-Q2	3.9	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5000	0.09	800
SFI0402QT4N1□-Q2	4.1	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5000	0.10	800
SFI0402QT4N3□-Q2	4.3	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5000	0.10	800
SFI0402QT4N7□-Q2	4.7	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5000	0.11	800
SFI0402QT4N9□-Q2	4.9	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	5000	0.11	800
SFI0402QT5N1□-Q2	5.1	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	4500	0.12	800
SFI0402QT5N4□-Q2	5.4	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	4500	0.13	800
SFI0402QT5N6□-Q2	5.6	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	4500	0.13	800
SFI0402QT5N8□-Q2	5.8	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	4000	0.13	700
SFI0402QT6N0□-Q2	6.0	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	4000	0.13	700
SFI0402QT6N2□-Q2	6.2	±0.1nH, ±0.2nH, ±0.3nH	100	23	250	50	4000	0.13	700
SFI0402QT6N5□-Q2	6.5	±2%, ±3%, ±5%	100	23	250	50	4000	0.14	700
SFI0402QT6N8□-Q2	6.8	±2%, ±3%, ±5%	100	23	250	50	4000	0.14	700
SFI0402QT7N3□-Q2	7.3	±2%, ±3%, ±5%	100	23	250	50	4000	0.16	600
SFI0402QT7N5□-Q2	7.5	±2%, ±3%, ±5%	100	23	250	50	4000	0.16	600
SFI0402QT8N2□-Q2	8.2	±2%, ±3%, ±5%	100	23	250	50	3600	0.16	550
SFI0402QT8N7□-Q2	8.7	±2%, ±3%, ±5%	100	23	250	50	3500	0.17	550
SFI0402QT9N1□-Q2	9.1	±2%, ±3%, ±5%	100	23	250	50	3400	0.17	550
SFI0402QT9N5□-Q2	9.5	±2%, ±3%, ±5%	100	23	250	50	3300	0.21	500
SFI0402QT10N□-Q2	10	±2%, ±3%, ±5%	100	23	250	50	3300	0.19	500
SFI0402QT11N□-Q2	11	±2%, ±3%, ±5%	100	23	250	50	3000	0.22	450
SFI0402QT12N□-Q2	12	±2%, ±3%, ±5%	100	23	250	50	2800	0.24	450

MULTILAYER CHIP INDUCTOR SFI SERIES

Part No.	Inductanc (nH)	Tolerance	L Test Frequency (MHz)	Q min.	Q Test Frequency (MHz)	Test Voltage (mV)	SRF (MHz) Min.	RDC (Ω) Max.	IDC (mA) Max.
SFI0402QT13N□-Q2	13	±2%, ±3%, ±5%	100	23	250	50	2800	0.26	400
SFI0402QT15N□-Q2	15	±2%, ±3%, ±5%	100	23	250	50	2300	0.28	400
SFI0402QT16N□-Q2	16	±2%, ±3%, ±5%	100	20	250	50	2300	0.80	260
SFI0402QT18N□-Q2	18	±2%, ±3%, ±5%	100	20	250	50	2300	0.80	260
SFI0402QT19N□-Q2	19	±2%, ±3%, ±5%	100	20	250	50	2300	0.80	260
SFI0402QT20N□-Q2	20	±2%, ±3%, ±5%	100	20	250	50	2100	1.10	260
SFI0402QT22N□-Q2	22	±2%, ±3%, ±5%	100	20	250	50	2100	1.10	230
SFI0402QT23N□-Q2	23	±2%, ±3%, ±5%	100	20	250	50	2000	1.10	230
SFI0402QT24N□-Q2	24	±2%, ±3%, ±5%	100	20	250	50	2000	1.20	230
SFI0402QT27N□-Q2	27	±2%, ±3%, ±5%	100	20	250	50	1700	1.30	230
SFI0402QT30N□-Q2	30	±2%, ±3%, ±5%	100	20	250	50	1700	1.30	220
SFI0402QT33N□-Q2	33	±2%, ±3%, ±5%	100	20	250	50	1600	1.50	220
SFI0402QT36N□-Q2	36	±2%, ±3%, ±5%	100	20	250	50	1600	1.50	190
SFI0402QT39N□-Q2	39	±2%, ±3%, ±5%	100	20	250	50	1400	1.50	190
SFI0402QT40N□-Q2	40	±2%, ±3%, ±5%	100	20	250	50	1400	1.50	190
SFI0402QT43N□-Q2	43	±2%, ±3%, ±5%	100	22	250	50	1400	1.60	190
SFI0402QT47N□-Q2	47	±2%, ±3%, ±5%	100	22	250	50	1300	1.60	190
SFI0402QT51N□-Q2	51	±2%, ±3%, ±5%	100	22	250	50	1300	1.80	190
SFI0402QT56N□-Q2	56	±2%, ±3%, ±5%	100	22	250	50	1200	1.80	180
SFI0402QT62N□-Q2	62	±2%, ±3%, ±5%	100	22	250	50	1100	1.90	180
SFI0402QT68N□-Q2	68	±2%, ±3%, ±5%	100	20	250	50	1100	2.00	160
SFI0402QT72N□-Q2	72	±2%, ±3%, ±5%	100	22	250	50	1100	2.20	160
SFI0402QT75N□-Q2	75	±2%, ±3%, ±5%	100	22	250	50	1100	2.20	160
SFI0402QT82N□-Q2	82	±2%, ±3%, ±5%	100	22	250	50	900	2.30	160
SFI0402QT91N□-Q2	91	±2%, ±3%, ±5%	100	22	250	50	900	2.30	160
SFI0402QTR10□-Q2	100	±2%, ±3%, ±5%	100	22	250	50	900	2.50	150
SFI0402QTR11□-Q2	110	±2%, ±3%, ±5%	100	22	250	50	800	2.70	150
SFI0402QTR12□-Q2	120	±2%, ±3%, ±5%	100	22	250	50	800	2.70	140
SFI0402QTR13□-Q2	130	±2%, ±3%, ±5%	100	22	250	50	800	3.00	110
SFI0402QTR15□-Q2	150	±2%, ±3%, ±5%	100	22	250	50	800	3.00	110
SFI0402QTR16□-Q2	160	±2%, ±3%, ±5%	100	22	250	50	700	5.80	90
SFI0402QTR18□-Q2	180	±2%, ±3%, ±5%	100	18	250	50	600	6.00	90
SFI0402QTR20□-Q2	200	±2%, ±3%, ±5%	100	18	250	50	600	6.20	80
SFI0402QTR22□-Q2	220	±2%, ±3%, ±5%	100	18	250	50	600	6.60	80
SFI0402QTR24□-Q2	240	±2%, ±3%, ±5%	100	18	250	50	600	6.80	80
SFI0402QTR27□-Q2	270	±2%, ±3%, ±5%	100	18	250	50	600	7.00	80
SFI0402QTR30□-Q2	300	±2%, ±3%, ±5%	50	13	100	50	480	7.80	80
SFI0402QTR33□-Q2	330	±2%, ±3%, ±5%	50	13	100	50	480	8.20	80
SFI0402QTR36□-Q2	360	±2%, ±3%, ±5%	50	13	100	50	450	8.40	80
SFI0402QTR39□-Q2	390	±2%, ±3%, ±5%	50	13	100	50	450	8.80	70
SFI0402QTR43□-Q2	430	±2%, ±3%, ±5%	50	13	100	50	380	9.60	70
SFI0402QTR47□-Q2	470	±2%, ±3%, ±5%	50	13	100	50	380	9.60	70
SFI0402QTR51□-Q2	510	±2%, ±3%, ±5%	50	13	100	50	360	10.2	70
SFI0402QTR56□-Q2	560	±2%, ±3%, ±5%	50	13	100	50	360	10.6	70

■Operating temperature range: -55~+125°C

■L/Q testing equipment: Keysight E4991B+16197A.Short bar residual inductance=0.556nH

■Rated current：Apply the rated current, and the surface temperature rise of the product shall not exceed 40℃.

MULTILAYER CHIP INDUCTOR SFI SERIES

■High Frequency Electrical Specifications

Size 0402 Multilayer Chip Inductors / High Ferquency Type (□:Tolerance) :

Part No.	Inductanc (nH)	Tolerance	Quality Factor /min.	L/Q Freq. (MHz)	Q(Typical) Freq.(MHz)						SRF min. (GHz)	RDC (Ω) max.	IDC (mA) max.
					100	300	500	800	1000	1800			
SFI0402HT1N0□□	1.0	±0.3nH	5	100	9	16	20	25	28	31	>8.50	0.10	500
SFI0402HT1N2□□	1.2	±0.3nH	5	100	9	15	18	24	27	31	>8.50	0.12	500
SFI0402HT1N5□□	1.5	±0.3nH	5	100	7	12	16	20	21	29	>8.50	0.15	500
SFI0402HT1N8□□	1.8	±0.3nH	5	100	7	12	16	20	21	29	>8.50	0.17	500
SFI0402HT2N2□□	2.2	±0.3nH	5	100	7	12	16	20	21	30	>8.50	0.17	500
SFI0402HT2N7□□	2.7	±0.3nH	5	100	7	12	16	20	21	29	>8.50	0.20	500
SFI0402HT3N3□□	3.3	±0.3nH	5	100	7	12	15	19	20	27	>8.50	0.22	400
SFI0402HT3N9□□	3.9	±0.3nH	5	100	7	12	15	20	21	28	7.50	0.25	400
SFI0402HT4N7□□	4.7	±0.3nH	5	100	7	12	15	19	20	27	6.50	0.28	400
SFI0402HT5N6□□	5.6	±0.3nH	5	100	8	12	15	20	22	30	6.50	0.30	400
SFI0402HT6N8□□	6.8	±5%, ±10%	5	100	8	12	15	20	22	30	6.50	0.35	400
SFI0402HT8N2□□	8.2	±5%, ±10%	5	100	8	12	15	19	21	30	6.50	0.38	350
SFI0402HT10N□□	10	±5%, ±10%	5	100	8	13	16	21	23	32	4.70	0.42	350
SFI0402HT12N□□	12	±5%, ±10%	5	100	8	13	16	20	23	27	4.30	0.47	350
SFI0402HT15N□□	15	±5%, ±10%	5	100	8	12	15	19	22	28	4.00	0.50	300
SFI0402HT18N□□	18	±5%, ±10%	5	100	8	13	16	21	24	32	4.00	0.60	250
SFI0402HT22N□□	22	±5%, ±10%	5	100	8	13	17	22	26	31	3.50	0.70	200
SFI0402HT27N□□	27	±5%, ±10%	5	100	8	14	18	23	26	32	3.00	0.80	200
SFI0402HT33N□□	33	±5%, ±10%	5	100	8	14	17	23	27	32	2.50	0.90	200
SFI0402HT39N□□	39	±5%, ±10%	5	100	8	14	18	23	27	32	2.00	1.00	200
SFI0402HT47N□□	47	±5%, ±10%	7	100	9	14	18	22	24	29	2.40	2.20	100
SFI0402HT56N□□	56	±5%, ±10%	7	100	9	14	18	23	24	29	2.30	2.50	100
SFI0402HT68N□□	68	±5%, ±10%	7	100	9	14	17	22	24	29	2.20	2.70	100
SFI0402HT82N□□	82	±5%, ±10%	7	100	8	13	17	20	20	16	2.10	2.90	100
SFI0402HTR10□□	100	±5%, ±10%	7	100	8	13	17	20	20	13	2.00	3.20	100

■Operating temperature range: -55~+125°C

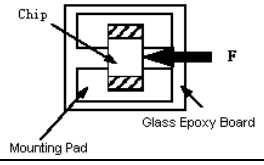
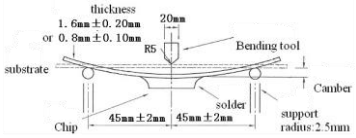
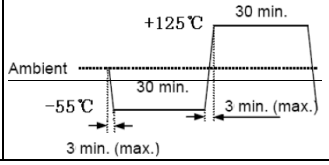
Size 0603 Multilayer Chip Inductors / High Ferquency Type (□:Tolerance) :

Part No.	Inductance (nH)	Tolerance	Quality Factor /min.	L/Q Freq. (MHz)	Q(Typical) Freq.(MHz)						SRF min. (GHz)	RDC (Ω) max.	IDC (mA) max.
					100	300	500	800	1000	1800			
SFI0603HT10N□□	10	±5%	8	100	10	22	28	35	39	45	>6.00	0.6	500
SFI0603HT12N□□	12	±5%	8	100	10	18	23	26	32	42	6.00	0.7	500
SFI0603HT15N□□	15	±5%	8	100	12	22	28	35	39	42	5.50	0.8	500
SFI0603HT18N□□	18	±5%	8	100	10	18	22	25	30	43	5.20	0.9	300
SFI0603HT22N□□	22	±5%	8	100	12	21	27	34	37	37	5.00	1.0	300
SFI0603HT27N□□	27	±5%	8	100	10	18	24	26	32	38	4.80	1.2	300
SFI0603HT33N□□	33	±5%	8	100	12	21	27	33	35	31	4.50	1.4	300
SFI0603HT39N□□	39	±5%	8	100	11	20	26	32	34	29	4.00	1.5	200
SFI0603HT47N□□	47	±5%	8	100	12	20	26	31	34	27	3.50	1.6	200
SFI0603HT56N□□	56	±5%	8	100	11	20	26	31	34	24	3.00	1.8	200
SFI0603HT68N□□	68	±5%	8	100	10	18	21	24	28	20	2.80	2.0	200
SFI0603HT82N□□	82	±5%	8	100	10	19	22	26	26	15	2.50	2.2	200
SFI0603HTR10□□	100	±5%	8	100	10	19	24	27	25	-	2.00	2.5	150
SFI0603HTR12□□	120	±5%	8	100	10	19	23	26	24	-	1.60	2.8	150
SFI0603HTR15□□	150	±5%	8	100	10	18	24	26	23	-	1.40	3.0	150
SFI0603HTR18□□	180	±5%	8	100	10	17	22	23	-	-	1.00	3.4	150

■Operating temperature range: -40~+85°C

MULTILAYER CHIP INDUCTOR SFI SERIES

■Environmental Characteristics

Item	Requirement	Test Condition
Solderability	No mechanical damage. 95% (75% for 0402/0603 series) or more of electrode area shall be coated by new solder.	Preheating temperature:120°C to 150°C Preheating time: 60s Solder 96.5%Sn/3.0%Ag/0.5%Cu of the Snsolder. Solder temperature: 245±3℃ Immersion tin depth:10mm Duration : 3±0.3 s Dip performance to a flux of about:3 ~ 5 s
Resistance to Soldering Heat	No mechanical damage. Inductance change: within±10% Q change: within±20%	Preheating temperature:120°C to 150°C Preheating time: 60s Solder 96.5%Sn/3.0%Ag/0.5%Cuof the Snsolder. Solder temperature: 260±5°C Immersion tin depth:10mm Duration : 10±1s Dip performance to a flux of about:3 ~ 5 s
Adhesion of Electrode	The termination and body should be no damage.	Applied force: 1N force for 01005 series , 3N force for 0201 series, 5N force for 0402 series, 7N force for 0603, 10N force for 0805. Keep time ：10±1S 
Low Temperature Resistance	No mechanical damage. Inductance change: within ±10% Q value change(ceramic): within ±20%	Temperature:-55±2°C, Testing time:1000+24/-0 hrs
Bending Strength	No mechanical damage	Testing board: glass epoxy-resin substrate For 1±0.5 mm/s(compression speed, curvature: 2mm, hold time 20s±1s 
Vibration	No mechanical damage. Inductance change: within ±10% Q value change(ceramic): within ±20%	Amplitude modulation: 1.5mm Test time: A period of 2h in each of 3 mutually perpendicular directions. Frequency range: 10Hz to 55Hz to 10Hz for 1min.
High Temperature Resistance	No mechanical damage. Inductance change: within ±10% Q value change(ceramic): within ±20%	125±2°C, 1000+24/-0 hrs
Static Humidity	No mechanical damage. Inductance change: within ±10% Q value change(ceramic): within ±20%	60±2°C, 90%~95%RH,1000+24/-0 hrs
High Temperature Load	No mechanical damage. Inductance change: within ±10% Q value change(ceramic): within ±20%	Impose current: Rated current. Testing time: 1000+24/−0 h Temperature: 125±2℃
Temperature Shock	No mechanical damage. Inductance change: within ±10% Q value change(ceramic): within ±20%	Temperature: -55℃ for 30±3min +125℃ for 30±3min Number of cycles: 100 

Note: When there are questions concerning, measurement shall be made after 24±2hrs of recovery under the standard condition.

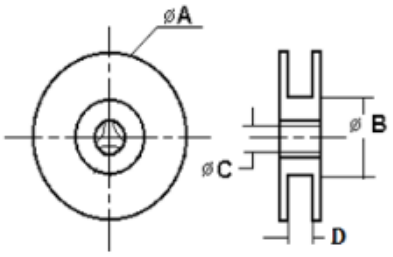
■Storage Temperature: -10~+40°C; Humidity 30~70%RH

■Shelf Life: 1 year from production date.

MULTILAYER CHIP INDUCTOR SFI SERIES

■Packaging Specifications

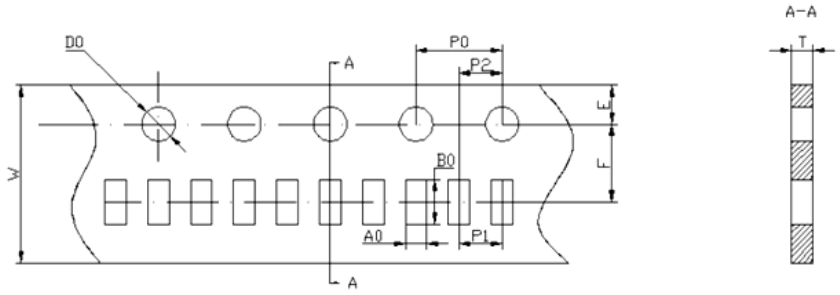
Reel Dimension



Unit : mm

Type	A	B	C	D	Quantity (EA)
01005	178±2.0	60±2.0	13.0±1.0	9.5±2.0	20,000
0201	178±2.0	57±2.0	12.5±1.5	8.0+1.5/-0	15,000
0402	178±2.0	60±2.0	13.0±1.0	9.5±2.0	10,000
0603	178±2.0	60±2.0	13.0±1.0	9.5±2.0	4,000
0805	178±2.0	60±2.0	13.0±1.0	9.5±2.0	4,000

Tape Specifications



Unit : mm

Type	A0	B0	W	F	E	P1	P2	P0	D0	T
01005	0.25±0.03	0.46±0.03	8.00±0.10	3.50±0.05	1.75±0.05	2.00±0.05	2.00±0.05	4.00±0.10	1.50±0.05	0.31±0.03
0201	0.35±0.03	0.66±0.03	8.00±0.10	3.50±0.05	1.75±0.05	2.00±0.05	2.00±0.05	4.00±0.05	1.55±0.05	0.42±0.03
0402	0.59±0.10	1.12±0.10	8.00±0.20	3.50±0.10	1.75±0.20	2.00±0.10	2.00±0.10	4.00±0.20	1.55±0.10	0.60±0.10
0603	1.05±0.20	1.85±0.20	8.00±0.20	3.50±0.10	1.75±0.20	2.00±0.20	2.00±0.10	4.00±0.20	1.55±0.10	0.95±0.10
0805	1.45±0.20	2.35±0.20	8.00±0.20	3.50±0.10	1.75±0.20	2.00±0.20	2.00±0.10	4.00±0.20	1.55±0.10	0.95±0.10

■Recommend Soldering Conditions

Preheat condition: 150~200℃/ 60~120sec

Allowed time above 217℃: 60~90sec

Max temp: 260℃

Max time at max temp: 10sec

Solder paste: Sn/3.0Ag/0.5Cu

Allowed reflow time: 2x max