



QS9000 & ISO14001 & TS16949 **CHILISIN ELECTRONICS CORP.**

Lead-Free & RoHs Compliance!!

SPECIFICATION FOR APPROVAL

CUSTOMER : _____

CUSTOMER P/N : _____

OUR DWG No : _____

QUANTITY : 0 **Pcs.** **DATE :** 2009/12/01

ITEM : CLH1005T-SERIES-S-NP

SPECIFICATION ACCEPTED BY:	
COMPONENT ENGINEER	
ELECTRICAL ENGINEER	
MECHANICAL ENGINEER	
APPROVED	
REJECTED	

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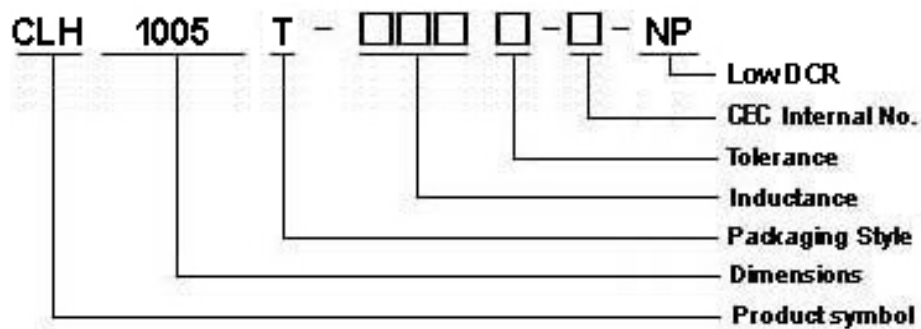
DRAWN BY Peter	CHECKED BY 溫美玲 Ling	APPROVED BY 關喜俊 Eric
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YG09C00054

CLH1005T Series Specification

1 Scope: This specification applies to Multilayer ceramic chip inductors

2 Part Numbering: Product Identification



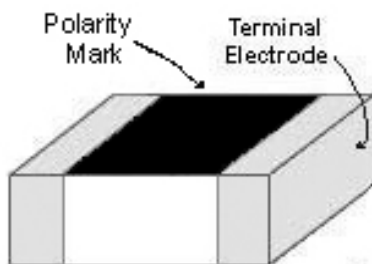
3 Rating:

Operating Temperature: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$

Storage Temperature: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (after PCB)

$-5^{\circ}\text{C} \sim 40^{\circ}\text{C}$, Humidity 40% ~ 70% (before PCB)

4 Marking:

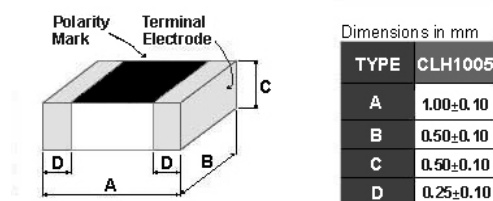


5 Standard Testing Condition

	Unless otherwise specified	In case of doubt
Temperature	Ordinary Temperature (15 to 35°C)	20±2°C
Humidity	Ordinary Humidity (25 to 85% RH)	60 to 70 % RH

CLH1005T Series Specification

6 Configuration and Dimensions:



7 ELECTRICAL CHARACTERISTICS :

Part No.	Inductance (nH)	L,Q Test Freq. (MHZ)	Q Min.	SRF (MHZ)Typ.	RDC (Ω)Max.	Rated Current (mA)Max.	Tolerance
CLH1005T-0N3S-S-NP	0.3	100 MHz,200 mV	8	10000	0.05	300	S
CLH1005T-0N5S-S-NP	0.5	100 MHz,200 mV	8	10000	0.06	300	S
CLH1005T-0N8S-S-NP	0.8	100 MHz,200 mV	8	10000	0.06	300	S
CLH1005T-1N0S-S-NP	1	100 MHz,200 mV	8	10000	0.07	300	S
CLH1005T-1N1S-S-NP	1.1	100 MHz,200 mV	8	6000	0.09	300	S
CLH1005T-1N2S-S-NP	1.2	100 MHz,200 mV	8	6000	0.09	300	S
CLH1005T-1N3S-S-NP	1.3	100 MHz,200 mV	8	6000	0.09	300	S
CLH1005T-1N5S-S-NP	1.5	100 MHz,200 mV	8	6000	0.1	300	S
CLH1005T-1N6S-S-NP	1.6	100 MHz,200 mV	8	6000	0.1	300	S
CLH1005T-1N8S-S-NP	1.8	100 MHz,200 mV	8	6000	0.1	300	S
CLH1005T-2N0S-S-NP	2	100 MHz,200 mV	8	6000	0.1	300	S
CLH1005T-2N2S-S-NP	2.2	100 MHz,200 mV	8	6000	0.12	300	S
CLH1005T-2N4S-S-NP	2.4	100 MHz,200 mV	8	6000	0.15	300	S
CLH1005T-2N7S-S-NP	2.7	100 MHz,200 mV	8	6000	0.15	300	S
CLH1005T-3N0S-S-NP	3	100 MHz,200 mV	8	6000	0.17	300	S
CLH1005T-3N3S-S-NP	3.3	100 MHz,200 mV	8	6000	0.17	300	S
CLH1005T-3N6S-S-NP	3.6	100 MHz,200 mV	8	6000	0.18	300	S
CLH1005T-3N9S-S-NP	3.9	100 MHz,200 mV	8	6000	0.18	300	S
CLH1005T-4N3S-S-NP	4.3	100 MHz,200 mV	8	6000	0.18	300	S
CLH1005T-4N7S-S-NP	4.7	100 MHz,200 mV	8	6000	0.18	300	S
CLH1005T-5N1S-S-NP	5.1	100 MHz,200 mV	8	5300	0.2	300	S
CLH1005T-5N6S-S-NP	5.6	100 MHz,200 mV	8	4500	0.2	300	S
CLH1005T-6N2S-S-NP	6.2	100 MHz,200 mV	8	4500	0.22	300	S
CLH1005T-6N8□-S-NP	6.8	100 MHz,200 mV	8	4500	0.24	300	J,K
CLH1005T-7N5□-S-NP	7.5	100 MHz,200 mV	8	4200	0.24	300	J,K

NOTE: □-tolerance J=±5% / K=±10% / S=±0.3nH

1.Operating temperature range — 5 5 °C ~ 1 2 5 °C

2.Rate Current : Applied the current to coils, the temperature rise shall not be more than 30 °C

"-N" FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)



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Part No.	Inductance (nH)	L,Q Test Freq. (MHZ)	Q Min.	SRF (MHZ)Typ.	RDC (Ω)Max.	Rated Current (mA)Max.	Tolerance
CLH1005T-8N2□-S-NP	8.2	100 MHz,200 mV	8	3700	0.24	300	J,K
CLH1005T-9N1□-S-NP	9.1	100 MHz,200 mV	8	3400	0.26	300	J,K
CLH1005T-10N□-S-NP	10	100 MHz,200 mV	8	3400	0.26	300	J,K
CLH1005T-12N□-S-NP	12	100 MHz,200 mV	8	3000	0.28	300	J,K
CLH1005T-15N□-S-NP	15	100 MHz,200 mV	8	2500	0.32	300	J,K
CLH1005T-18N□-S-NP	18	100 MHz,200 mV	8	2200	0.36	300	J,K
CLH1005T-22N□-S-NP	22	100 MHz,200 mV	8	1900	0.42	300	J,K
CLH1005T-27N□-S-NP	27	100 MHz,200 mV	8	1700	0.46	300	J,K
CLH1005T-33N□-S-NP	33	100 MHz,200 mV	8	1600	0.58	200	J,K
CLH1005T-39N□-S-NP	39	100 MHz,200 mV	8	1200	0.65	200	J,K
CLH1005T-47N□-S-NP	47	100 MHz,200 mV	8	1000	0.72	200	J,K
CLH1005T-56N□-S-NP	56	100 MHz,200 mV	8	800	0.82	200	J,K
CLH1005T-68N□-S-NP	68	100 MHz,200 mV	8	800	0.92	180	J,K
CLH1005T-82N□-S-NP	82	100 MHz,200 mV	8	700	1.2	150	J,K

单击下面可查看定价，库存，交付和生命周期等信息

[>>CHILISIN\(奇力新\)](#)