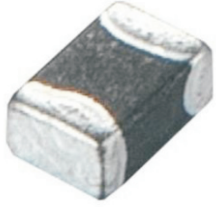


Multilayer Inductor CLML Series

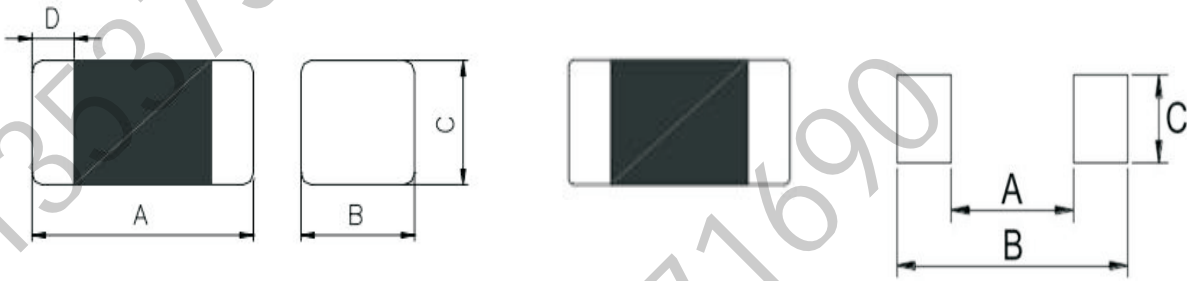
Product Identification:

CLML - 321609 UD - 1R0 M
(1) (2) (3) (4) (5)



- (1) Series
- (2) Dimensions(L*H)
- (3) Type
- (4) Inductance (1R0=1.0uH, 100=10uH, 101=100uH)
- (5) Tolerance(K(±10%), L(±15%), M(±20%),P(±25%))

DIMENSIONS DRAWING:



Shape and Dimensions							Recommended Pattern		
TYPE	A(mm)	B(mm)	C(mm)	D(mm)	-	-	A(mm)	B(mm)	C(mm)
CLML-1005T	1.0±0.1	0.5±0.1	0.5±0.1	0.25±0.1	-	-	0.4Typ	1.2~1.4	0.5Typ
CLML-1608	1.6±0.15	0.8±0.15	0.8±0.15	0.3±0.2	-	-	0.7~0.8	1.8~2.0	0.6~0.8
CLML-321609UD	3.2±0.2	1.6±0.2	0.9±0.2	0.5±0.3	-	-	2.0Typ	4.2~5.2	1.2Typ

Multilayer Inductor CLML-1005T Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (nH) @100MHz	Q Min @100MHz	SRF (MHz) Typ	DC Resistance (Ω) Max	Rated Current (mA) Max
CLML1005T-2N2K	2.2 ±10%	8	8100	0.15	400
CLML1005T-4N3K	4.3 ±10%	8	5400	0.20	400
CLML1005T-18NK	18 ±10%	8	2500	0.55	300
CLML1005T-22NK	22 ±10%	8	2200	0.70	300

(1).Rated Current: Temp.rise 30°C Typ

(2).Operating Temperature: -55°C up to +125°C

Multilayer Inductor CLML-1608 Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH) @100MHz	Test Frequency (Hz)	SRF (MHz) Typ	DC Resistance (Ω) Max	Rated Current (mA) Max
CLML1608-2R2M	2.2 ±20%	1M/60mV	50	0.3±25%	750

Multilayer Inductor CLML-321609UD Series

ELECTRICAL CHARACTERISTIC:

Part Number	Inductance (uH) @1MHz/0.05V	Q Min @100MHz	SRF (MHz) Min	DC Resistance (Ω) Max	Rated Current (mA) Max
CLML321609UD-1R0M	1.0 ±20%	/	65	0.15	1200
CLML321609UD-1R2M	1.2 ±20%	/	65	0.15	1200
CLML321609UD-1R5M	1.5 ±20%	/	60	0.17	1000
CLML321609UD-1R8M	1.8 ±20%	/	55	0.24	900
CLML321609UD-2R2M	2.2 ±20%	/	50	0.24	900
CLML321609UD-2R7M	2.7 ±20%	/	45	0.30	800
CLML321609UD-3R3M	3.3 ±20%	/	41	0.30	800
CLML321609UD-3R9M	3.9 ±20%	/	38	0.38	700
CLML321609UD-4R7M	4.7 ±20%	/	35	0.38	700
CLML321609UD-5R6M	5.6 ±20%	/	32	0.45	500
CLML321609XD-6R8M	6.8 ±20%	/	29	0.45	500
CLML321609XD-8R2M	8.2 ±20%	/	26	0.55	300
CLML321609XD-100M	10 ±20%	/	24	0.55	300
CLML321609XD-120M	12 ±20%	/	22	0.55	300
CLML321609JD-150M	15 ±20%	/	19	0.65	100
CLML321609JD-180M	18 ±20%	/	18	0.65	100

(1).Rated Current: Temp.rise 30°C Typ

(2).Operating Temperature: -55°C up to +125°C