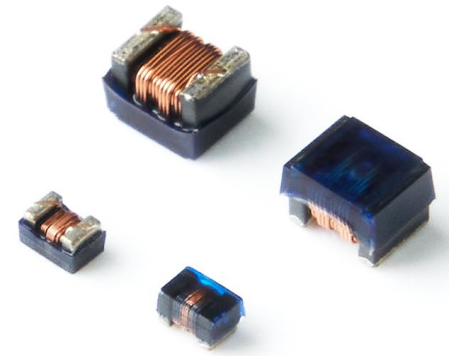


WOUND CHIP INDUCTORS → FLC252018NLCL : High Current Type

FEATURES

1. Very strong solderability by soldering flow and soldering iron.
2. Highly accurate dimensions , can be mounted automatically.
3. Terminals are highly resistant to pulling force.
4. Highly resistant to mechanical shock and pressure.
5. Highly reliable in environments of sudden temperature change and humidity. Super Q characteristics.



APPLICATIONS

1. Microtelevisions , Liquid Crystal Display, video camera , portable VCRs , car radio , car stereo , thin tape radio , television tuners , mobile telephone, radio and other electronic devices.
2. Modem , OA products , TV sets , VCR , Etc.

ORDERING CODE

FLC252018NLCL 1R0 M A13 T
 (1) (2) (3) (4) (5)

(1) PRODUCT TYPE CODE AND SIZE CODE

(2) INDUCTANCE

(3) INDUCTANCE TOLERANCE

(J : ±5%, K : ±10%, M : ±20%, N : ±30%)

(4) A□□ means HIGH CURRENT RATING

Example : A03 means 300mA, A13 means 1300mA

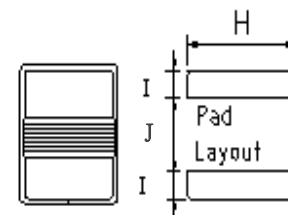
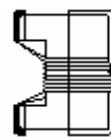
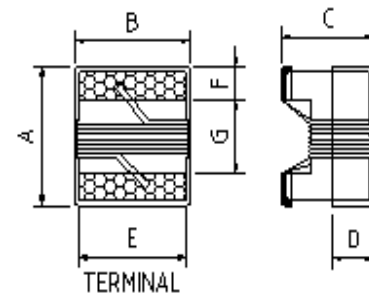
(5) REEL TAPING

TERMINAL WRAPAROUND :

FLC160808NLCL : Approx. 0.008"/0.20mm BOTH ENDS

FLC201212NLCL : Approx. 0.015"/0.38mm BOTH ENDS

FLC252018NLCL : Approx. 0.015"/0.38mm BOTH ENDS



SHAPE & DIMENSIONS

UNIT:mm (inch)

SIZE CODE	A Max.	B Max.	C Max.	D Ref.	E	F	G	H	I	J
FLC160808NLCL (0603)	1.80 (0.071)	1.22 (0.048)	1.07 (0.042)	0.38 (0.015)	0.90 (0.035)	0.31 (0.012)	0.93 (0.037)	1.02 (0.040)	0.64 (0.025)	0.64 (0.025)
FLC201212NLCL (0805)	2.35 (0.093)	1.78 (0.070)	1.60 (0.063)	0.51 (0.020)	1.27 (0.050)	0.51 (0.020)	1.02 (0.040)	1.78 (0.070)	1.02 (0.040)	0.76 (0.030)
FLC252018NLCL (1008)	2.92 (0.115)	2.79 (0.110)	2.23 (0.088)	0.51 (0.020)	2.03 (0.080)	0.51 (0.020)	1.52 (0.060)	2.54 (0.100)	1.02 (0.040)	1.27 (0.050)

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WOUND CHIP INDUCTORS → FLC252018NLCL : High Current Type

ELECTRICAL CHARACTERISTICS

ORDERING CODE	Inductance	Tolerance	Q	Test	SRF	DC	IDC
	(μ H)	\pm %	Min	Frequency L/Q(MHz)	(MHz)TYP	Resistance (Ω)max	(mA)max
FLC252018NLCL1R0MA13T01	1.0	20%	25	7.96	200	0.26	1300
FLC252018NLCL1R2MA12T01	1.2	20%	20	7.96	280	0.34	1200
FLC252018NLCL1R5MA11T01	1.5	20%	20	7.96	250	0.36	1100
FLC252018NLCL1R8MA11T01	1.8	20%	20	7.96	170	0.42	1100
FLC252018NLCL2R2MA11T01	2.2	20%	20	7.96	130	0.45	1100
FLC252018NLCL2R7MA09T01	2.7	20%	20	7.96	130	0.50	900
FLC252018NLCL3R3MA08T01	3.3	20%	20	7.96	80	0.59	800
FLC252018NLCL3R9MA08T01	3.9	20%	20	7.96	50	0.61	800
FLC252018NLCL4R7MA08T01	4.7	20%	20	7.96	45	0.66	800
FLC252018NLCL5R6MA07T01	5.6	20%	17	7.96	42	0.76	700
FLC252018NLCL6R8MA07T01	6.8	20%	17	7.96	39	0.84	700
FLC252018NLCL8R2MA06T01	8.2	20%	15	7.96	36	0.93	600
FLC252018NLCL100MA05T01	10	20%	15	2.52	33	1.03	500
FLC252018NLCL120MA05T01	12	20%	15	2.52	30	1.10	500
FLC252018NLCL150MA04T01	15	20%	15	2.52	26	2.10	400
FLC252018NLCL180MA04T01	18	20%	15	2.52	24	2.30	400
FLC252018NLCL220MA04T01	22	20%	15	2.52	22	2.50	400
FLC252018NLCL270MA04T01	27	20%	15	2.52	13	3.35	400
FLC252018NLCL330MA04T01	33	20%	15	2.52	11	3.66	400
FLC252018NLCL390MA03T01	39	20%	15	2.52	11	5.70	300
FLC252018NLCL470MA02T01	47	20%	15	2.52	10	6.20	200

1.IDC: (Δ T) within 40°C

2.& Inductance drop less than 20% typ.

3. Operating temperature range : -25°C ~ +85°C (including self-heating)

*Design as Customer's Requested Specifications.

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