

FLF3215T-****

FEATURES

*It delivers low Rdc with high Idc.

*It is lead-free compatible.

The product contains no lead whatsoever.

It is able to withstand high temperature reflows(260deg.C during the peak)
used in lead-free soldering

APPLICATION

- *Information electrical appliance Equipment (HDD)
- *Information electrical appliance Equipment (W_LAN)
- *Portable Phone Equipment (Digital Cellular)
- *Portable AV Equipment (DSC , DVC , AUDIO , etc.)

PRODUCT IDENTIFICATION

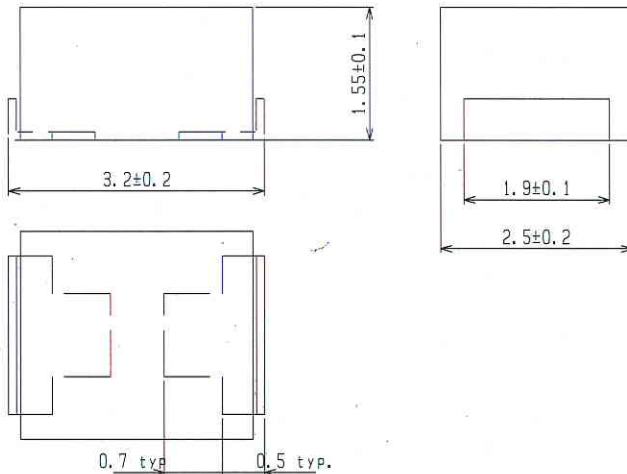
FLF 3215 T - 1R0 N
(1) (2) (3) (4) (5)

- (1)Series name (Tentative name)
- (2)Case size : Length x Height (mm)
- (3)Packaging : Taping
- (4)Inductance
- (5)Inductance Tolerance

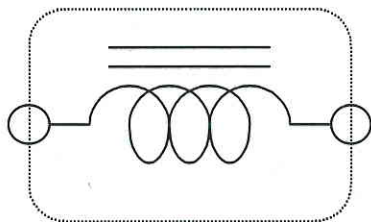
PACKAGING

2,000pcs/reel

SHAPE and DIMENSIONS

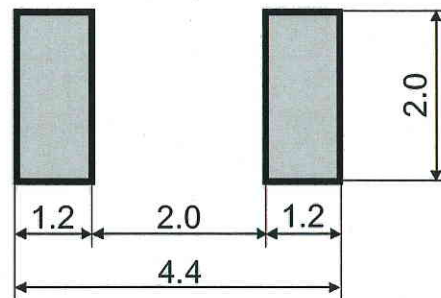


EQUIVALENT CIRCUIT



No polarity

RECOMMENDED PATTERN DIMENSION(mm)




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ELECTRICAL CHARACTERISTICS

*Operating temperature range : -40deg.C to 125deg.C (Include self temp. rise)

*Storage temperature range : -40deg.C to 125deg.C

ITEM	Inductance [uH]	Inductance TEST Freq.	DCR +/-20% [ohm]	IDC [mA] Max/	
				L chg. -30%	dT chg. 40degC
FLF3215T-R47N	0.47+/-30%	1 MHz	0.021	2800	2800
FLF3215T-R68N	0.68+/-30%	1 MHz	0.025	2300	2500
FLF3215T-1R0N	1.0+/-30%	1 MHz	0.030	2000	2350
FLF3215T-1R5N	1.5+/-30%	1 MHz	0.044	1800	2100
FLF3215T-2R2M	2.2+/-20%	1 MHz	0.050	1400	1800
FLF3215T-3R3M	3.3+/-20%	1 MHz	0.065	1200	1600
FLF3215T-4R7M	4.7+/-20%	1 MHz	0.09	1000	1360
FLF3215T-6R8M	6.8+/-20%	1 MHz	0.13	850	1100
FLF3215T-100M	10+/-20%	1 MHz	0.20	700	900
FLF3215T-150M	15+/-20%	1 MHz	0.27	500	750
FLF3215T-220M	22+/-20%	1 MHz	0.45	450	600
FLF3215T-330M	33+/-20%	1 MHz	0.65	360	500
FLF3215T-470M	47+/-20%	1 MHz	0.90	280	400
FLF3215T-680M	68+/-20%	1 MHz	1.40	230	330
FLF3215T-101M	100+/-20%	1 MHz	2.00	200	280

*Idc : Value obtained when DC current flows and the initial value of inductance has fallen by **30%**

Self temperature rise 40deg.C max.