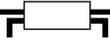


LCH1816 Power Inductors



FEATURES

- ◇ High DC current rating.
- ◇ Flat top surface allows auto surface and place.
- ◇ Low DC resistance.
- ◇ Tape and Reel only.

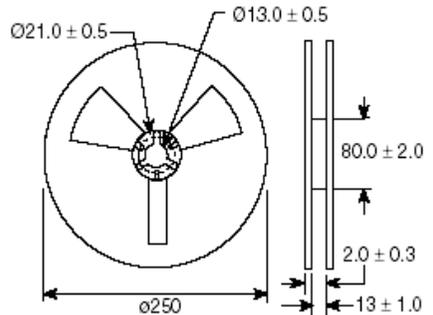
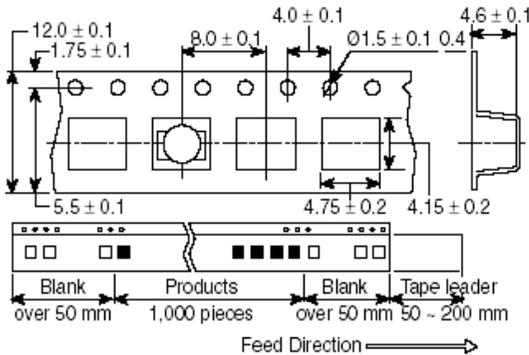
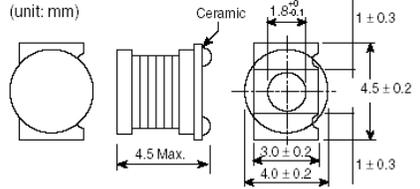
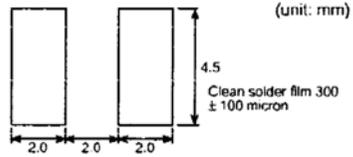
Suitable for Reflow solder.

Embossed carrier tape available.

(Indicated by "-TR" at the end of part number)

Higher DC current capacity with lower DC resistance
 A land pattern gap is recommended of 2.0mm to 2.5mm.
 When two or more chip inductors are closely mounted.
 They must be separated by means of solder resist to prevent excessive solder.

The taping shall be embossed carrier tapes of 12 mm width and 8 mm pitches.
 The standard quantity per reel shall be 1,000 pieces.



Part Number	Ind. (µH)	Q Min.	SRF (MHz) min	RDC Res. (Ω) Max	Rated Current (Amps max.)
LCH1816-100K	10	20	23	0.08	1.020
LCH1816-150K	15	20	18	0.13	0.840
LCH1816-220K	22	20	14	0.18	0.700
LCH1816-330K	33	20	12	0.35	0.520
LCH1816-470K	47	20	10	0.45	0.460
LCH1816-680K	68	20	8	0.58	0.400
LCH1816-101K	100	20	6.3	0.80	0.280
LCH1816-151K	150	10	5	1.56	0.250
LCH1816-221K	220	10	3.9	1.95	0.180
LCH1816-331K	330	10	3	3.71	0.150
LCH1816-471K	470	10	2.7	4.55	0.140
LCH1816-681K	680	10	2.2	5.80	0.120

Test frequency at 1.0 KHz.