Fine Inductors

Fastron

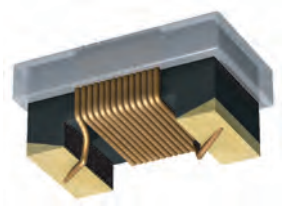
RoHS Compliant

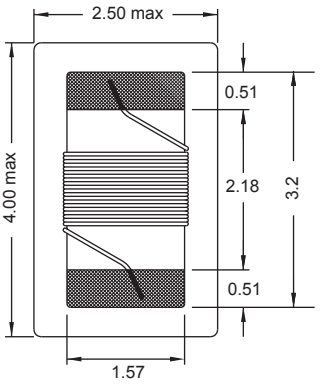
www.fastrongroup.com

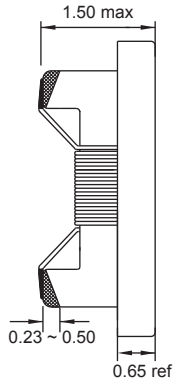
1206 F

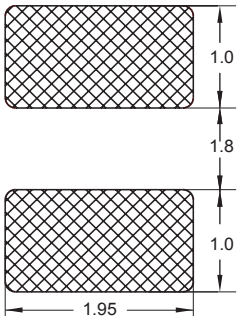
Engineer's Kit : EK-1206F-X

Chip Inductors (wire wound - open)

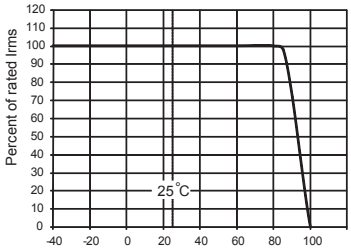






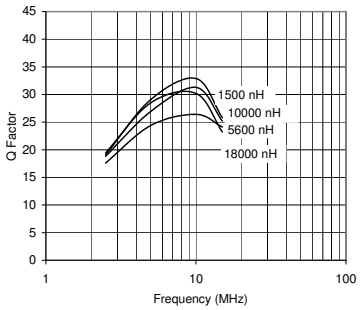


recommended layout
for solder pads



Current carrying capacity dependent on the ambient temperature

Typical Q vs Frequency(*f*)



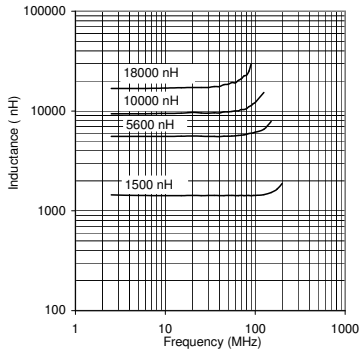
Part No	Inductance L (µH)	f_L (MHz)	Tol ± (%)	Q min	f_Q (MHz)	SRF[1] (MHz)	DCR max (Ω)	Rated DC Current (mA)
1206F-1R0K-01	1.0	7.9	10	25	7.9	300	0.98	350
1206F-1R5K-01	1.5	7.9	10	25	7.9	240	1.20	320
1206F-1R8K-01	1.8	7.9	10	25	7.9	200	1.20	320
1206F-2R2K-01	2.2	7.9	10	25	7.9	200	1.30	300
1206F-2R7K-01	2.7	7.9	10	25	7.9	190	1.40	300
1206F-3R3K-01	3.3	7.9	10	25	7.9	160	1.50	280
1206F-3R9K-01	3.9	7.9	10	25	7.9	160	1.90	280
1206F-4R7K-01	4.7	7.9	10	25	7.9	140	2.20	280
1206F-5R6K-01	5.6	7.9	10	25	7.9	120	2.40	260
1206F-6R8K-01	6.8	7.9	10	25	7.9	110	2.80	240
1206F-8R2K-01	8.2	7.9	10	25	7.9	100	3.10	220
1206F-100K-01	10	7.9	10	25	7.9	100	4.00	200
1206F-120K-01	12	2.5	10	18	2.5	90	4.60	200
1206F-150K-01	15	2.5	10	16	2.5	75	8.20	160
1206F-180K-01	18	2.5	10	16	2.5	75	9.00	130
1206F-470K-01	47	2.5	10	18	2.5	25	11.1	80
1206F-101K-01	100	2.5	10	18	2.5	23	23.5	80

Material : Ferrite

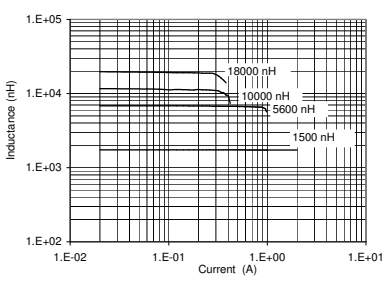
SPQ : Reel 2000 [-01]
7500 [-04]

Remarks: - For not listed inductance values please check availability with us.
- 2% and 5% available on request.
- **SRF[1] :** 1.0µH to 3.9µH = **SRF** min
: 4.7µH to 100µH = **SRF** typ

Typical L vs Frequency(*f*)



Typical L vs Current



● All dimensions in mm