Fine Inductors

Fastron

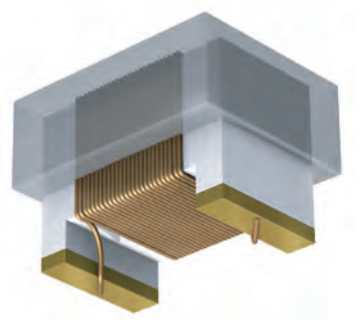
RoHS Compliant

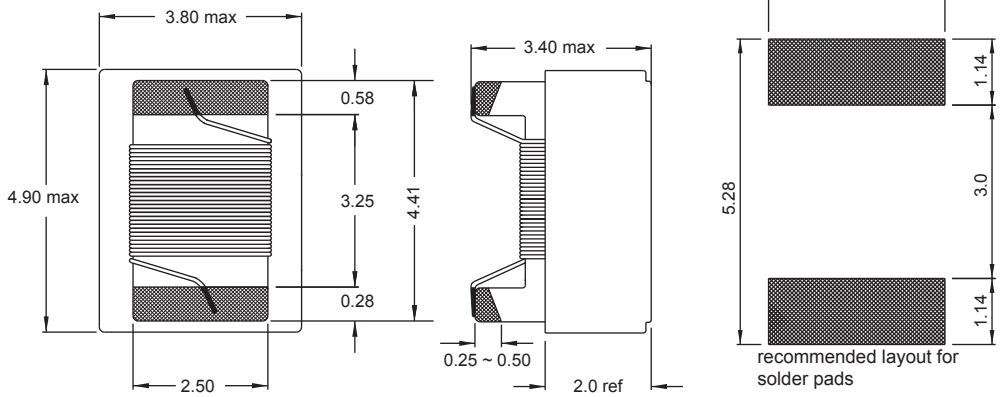
www.fastrongroup.com

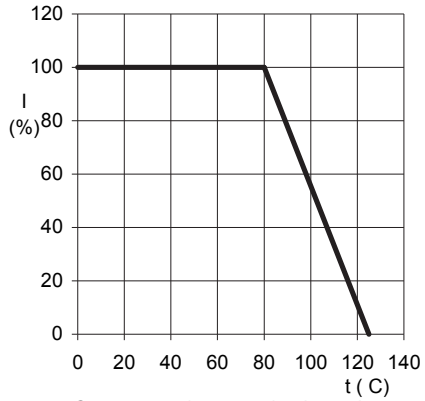
1812 AS

Engineer's Kit : EK-1812AS-X

Chip Inductors (wire wound - open)



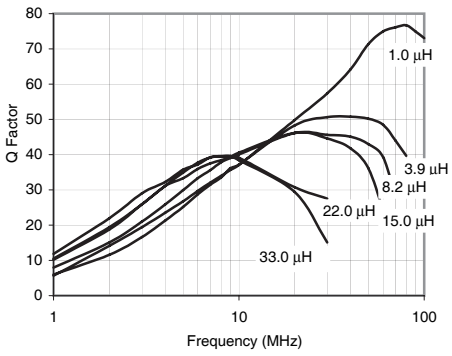




Current carrying capacity dependent on the ambient temperature

Part No	Inductance L (µH)	f_L (MHz)	Tol ± (%)	Q min	f_Q (MHz)	SRF[1] (MHz)	DCR max (Ω)	Rated DC Current (mA)
1812AS-1R0K-01	1.0	7.9	10	62	50	277	1.2	480
1812AS-1R2K-01	1.2	7.9	10	60	50	240	1.2	480
1812AS-1R5K-01	1.5	7.9	10	60	50	220	1.6	430
1812AS-1R8K-01	1.8	7.9	10	60	50	200	2.0	380
1812AS-2R2K-01	2.2	7.9	10	63	50	180	2.2	340
1812AS-2R7K-01	2.7	7.9	10	63	50	160	3.2	300
1812AS-3R3K-01	3.3	7.9	10	50	50	145	3.8	270
1812AS-3R9K-01	3.9	7.9	10	50	50	130	5.0	240
1812AS-4R7K-01	4.7	7.9	10	50	50	120	5.4	230
1812AS-5R6K-01	5.6	7.9	10	40	50	105	5.7	220
1812AS-6R8K-01	6.8	7.9	10	40	50	103	6.6	210
1812AS-8R2K-01	8.2	7.9	10	38	50	94	7.0	200
1812AS-100K-01	10	7.9	10	38	50	80	7.7	190
1812AS-120K-01	12	2.5	10	38	10	74	8.7	180
1812AS-150K-01	15	2.5	10	37	10	59	9.6	170
1812AS-180K-01	18	2.5	10	36	10	59	10.5	160
1812AS-220K-01	22	2.5	10	36	10	45	13.0	155
1812AS-270K-01	27	2.5	10	36	10	35	14.0	150
1812AS-330K-01	33	2.5	10	36	10	35	15.5	145
1812AS-390K-01	39	2.5	10	36	10	25	23.5	80
1812AS-470K-01	47	2.5	10	32	10	20	39.0	80
1812AS-560K-01	56	2.5	10	32	10	20	41.0	60
1812AS-680K-01	68	2.5	10	32	10	18	54.0	58
1812AS-820K-01	82	2.5	10	32	10	15	59.0	55

Typical Q vs Frequency(f)

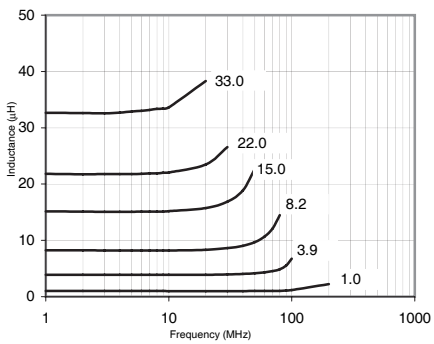


Material : Ceramic

SPQ : Reel 600 [-01]
2,200 [-04]

Remarks: - For not listed inductance values please check availability with us.
- 2% and 5% available on request.
- **SRF[1] :** 1.0µH to 2.7µH = **SRF** min
: 3.3µH to 82µH = **SRF** typ

Typical L vs Frequency(f)



● All dimensions in mm