

# Thin-Film RF/Microwave Inductor Technology

## Accu-L® Series

### L0402 Tight Tolerance RF Inductor



#### ELECTRICAL SPECIFICATIONS

L(nH)	Tolerance A=±0.05nH, B=±0.1nH, C=±0.2nH, D=±0.5nH	Q (min)	Q (Typ)	450MHz	900MHz	1900MHz	2400MHz	SRF min. (MHz)	R <sub>dc</sub> max. (Ω)	I <sub>dc</sub> max. (mA)
				Q (Typ)	Q (Typ)	Q (Typ)	Q (Typ)			
0.56	± 0.05nH, ± 0.1nH	35	45	55	65	75	20000	0.02	1000	
0.68	± 0.05nH, ± 0.1nH	30	40	50	60	70	20000	0.04	750	
0.82	± 0.05nH, ± 0.1nH	25	40	50	60	70	20000	0.06	500	
1.0	± 0.05nH, ± 0.1nH	20	30	35	40	50	20000	0.15	500	
1.2	± 0.05nH, ± 0.1nH, ± 0.2nH	20	30	30	40	45	20000	0.20	400	
1.5	± 0.05nH, ± 0.1nH, ± 0.2nH	20	25	30	40	40	18000	0.20	400	
1.8	± 0.05nH, ± 0.1nH, ± 0.2nH	18	20	30	35	40	16000	0.20	400	
2.2	± 0.05nH, ± 0.1nH, ± 0.2nH	15	20	25	35	40	15000	0.20	400	
2.7	± 0.05nH, ± 0.1nH, ± 0.2nH	15	20	25	35	40	9500	0.25	250	
3.3	± 0.1nH, ± 0.2nH, ± 0.5nH	15	20	25	35	40	8500	0.40	250	
3.9	± 0.1nH, ± 0.2nH, ± 0.5nH	13	20	20	30	30	8000	0.45	250	
4.7	± 0.1nH, ± 0.2nH, ± 0.5nH	13	20	20	30	30	7500	0.45	250	
5.6	± 0.1nH, ± 0.2nH, ± 0.5nH	13	20	20	30	30	7000	0.65	200	
6.8	± 0.1nH, ± 0.2nH, ± 0.5nH	12	15	20	25	30	6500	0.90	200	

Please contact factory for intermediate inductance values within the indicated range.

# Mouser Electronics

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