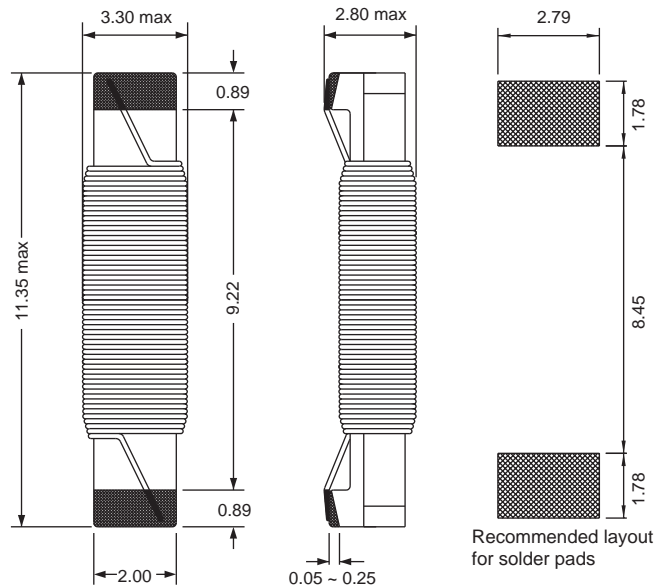


# 4408 AQ

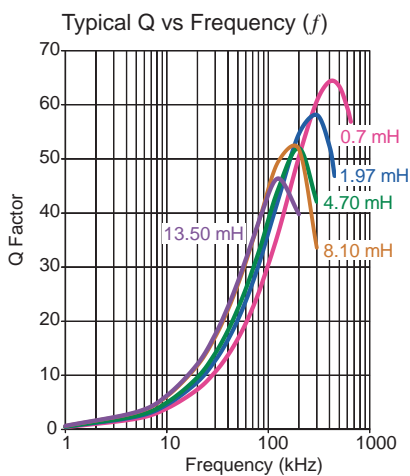
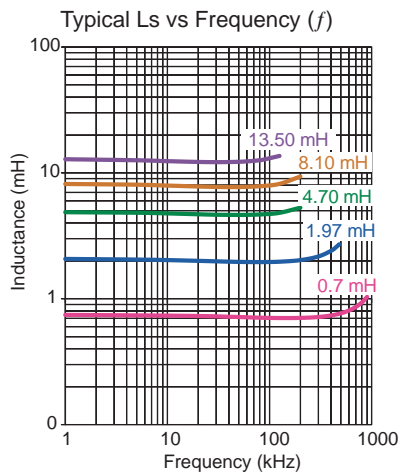


**Transponder Coil**  
**Exceptionally High Q**  
**Engineer's Kit: EK-4408AQ-X**



(for RFID)

Transponder Coils



Part No	Inductance	$f_L$ (kHz)	Tol $\pm$ (%)	Q min	$f_Q$ (kHz)	SRF ref (kHz)	DCR max ( $\Omega$ )	Sensitivity (mV/ $\mu$ T)
	L (mH)							
4408AQ-701J-YY	0.70	125	5	30	125	1200	12.5	17
4408AQ-901J-YY	0.90	125	5	32	125	1100	14.5	20
4408AQ-112J-YY	1.08	125	5	34	125	950	15.7	22
4408AQ-202J-YY	1.97	125	5	34	125	700	30	35
4408AQ-242J-YY	2.38	125	5	35	125	650	31.8	42
4408AQ-272J-YY	2.66	125	5	35	125	600	35.2	45
4408AQ-292J-YY	2.89	125	5	37	125	600	35.8	48
4408AQ-332J-YY	3.30	125	5	38	125	600	43.5	55
4408AQ-472J-YY	4.70	125	5	37	125	429	68	71
4408AQ-482J-YY	4.80	125	5	37	125	433	70	74
4408AQ-492J-YY	4.90	125	5	37	125	429	71	74
4408AQ-562J-YY	5.60	125	5	37	125	404	77	86
4408AQ-682J-YY	6.80	125	5	41	125	393	85	111
4408AQ-702J-YY	7.00	125	5	41	125	393	85	118
4408AQ-712J-YY	7.10	125	5	41	125	382	88	123
4408AQ-722J-YY	7.20	125	5	40	125	381	88	119
4408AQ-812J-YY	8.10	125	5	41	125	368	94	126
4408AQ-902J-YY	9.00	125	5	41	125	354	95	133
4408AQ-952J-YY	9.50	125	5	39	125	339	114	173
4408AQ-103J-YY	10.00	125	5	39	125	330	116	214
4408AQ-133J-YY	13.50	125	5	38	125	285	138	267

**Core Material:** Ceramic & Ferrite

Revision date: 29 Nov 2023

**SPQ:** Taped / Reel 1000 [-08]  
3000 [-04]

**Remarks:** - Unlisted inductance values available upon request.  
- 2% tolerance available upon request.