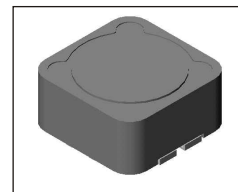


SMT Power Inductor

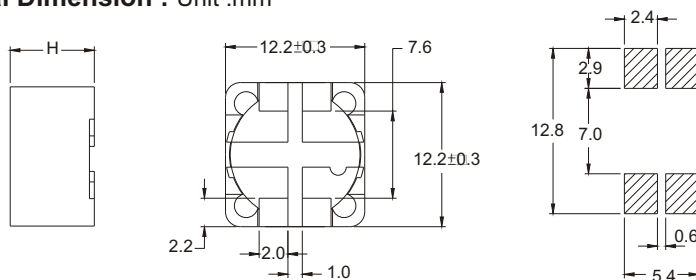
STQ124R,STQ125R,STQ127R Type

Features

- Low profile, SMD type.
- Magnetically shielded, suitable for high density mounting.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Two windings ,ideal for notebook power source circuits, DC-DC converters applications.
- In addition to the standard versions shown here, custom inductors are available to meet your exact requirements.



RECOMMENDED PAD



Electrical Characteristics :

PART NO.	L (uH)*		DCR (mΩ) MAX		TURN RATIO (L1 : L2)	I _{RATED} ** (Adc)	DIMENSION "H" mm (MAX)
	L1	L2	L1	L2			
STQ124R -5622	5.6	24.5	25	450	1 : 2.2	5.2	4.5
STQ124R -6822	6.8	28	33	470	1 : 2.2	4.7	4.5
STQ124R -8222	8.2	35	33	580	1 : 2.2	4.3	4.5
STQ124R -1022	10	45	36	590	1 : 2.2	4.0	4.5
STQ124R -1024	10	47	39	600	1 : 2.4	4.0	4.5
STQ124RA -6320	6.3	26.5	33	510	1 : 2.0	5.5	4.5
STQ124RA -8222	8.2	35	33	580	1 : 2.2	5.0	4.5
STQ1250R -4722	4.7	22.2	25	340	1 : 2.2	7.0	4.5
STQ1250R -1022	10	45	30	420	1 : 2.2	7.0	4.5
STQ125R -5622	5.6	26.5	20	220	1 : 2.2	5.3	6.0
STQ125R -6822	6.8	32	21	250	1 : 2.2	5.0	6.0
STQ125R -8220	8.2	32	22	260	1 : 2.0	4.7	6.0
STQ125R -8222	8.2	35	22	270	1 : 2.2	4.7	6.0
STQ125R -1014	10	21	27	182	1 : 1.4	4.3	6.0
STQ125R -1016	10	25	27	220	1 : 1.6	4.3	6.0
STQ125R -1022	10	45	27	300	1 : 2.2	4.3	6.0
STQ125R -1220	10	45	30	300	1 : 2.0	4.0	6.0
STQ125RA -5022	5.0	23.5	17	260	1 : 2.2	7.0	6.0
STQ125RA -8222	8.2	28	22	250	1 : 2.2	5.0	6.0
STQ125RA -1018	10	31.8	27	232	1 : 1.8	7.0	6.0
STQ125RA -7322	7.3	36.5	25	340	1 : 2.2	7.0	6.0
STQ127R -7622	7.6	38	22	300	1 : 2.2	7.0	8.0
STQ127R -1022	10	45	30	200	1 : 2.2	4.5	8.0
STQ127R -1042	10	178	30	660	1 : 4.2	4.5	8.0
STQ127RA -4722	4.7	15.2	11	220	1 : 2.2	10	8.0
STQ127RA -1022	10	45	30	200	1 : 2.2	7	8.0

★ Tolerance of inductance : ±30%

★★ I_{RATED} : rated current ΔL<25% , Δ T< 45°C at I_{RATED}.

★★★ Operating temperature : -20°C to 105°C (including self-temperature rise)

★★★★ Test condition at 25°C : 1KHz, 1V



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<http://www.deltaww.com>