

Power and Control Magnetics

Control Transformers

MOSFET/TRIAC/SCR Trigger Transformers

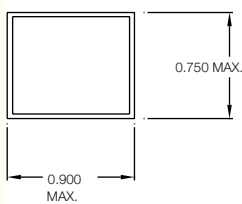
- Ideal for use as trigger transformers in Mosfet, SCR and Triac circuits
- High isolation voltages - Hi-pot tested to 2500 VAC
- Fully encapsulated
- Designed for fast rise time applications



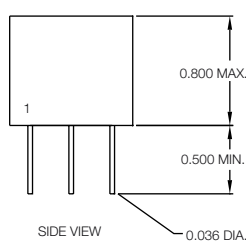
ELECTRICAL CHARACTERISTICS @ 25° C

BH PART NUMBER	TURNS RATIO	PRIMARY INDUCTANCE (mH-MIN.)	PRIMARY ET-CONSTANT	LEAKAGE INDUCTANCE (μH)	Ciw (pf MAX.)	DCR PRI (Ω)	DCR SEC (Ω)	DCR SEC (Ω)	SCHEMATIC
L05-5500	1:1	.25	45	5	20	1.0	1.0	N/A	2
505-5501	1:1	1.0	90	20	30	2.0	2.0	N/A	2
505-5502	1:1	5.0	180	45	30	3.0	3.0	N/A	2
505-5503	1:1	20.0	360	200	50	5.0	5.0	N/A	2
505-5504	1:1:1	.25	45	5	20	1.0	1.0	1.0	1
505-5505	1:1:1	1.0	90	20	30	2.0	2.0	2.0	1
505-5506	1:1:1	5.0	180	45	30	3.0	3.0	3.0	1
505-5507	1:1:1	20.0	360	200	50	5.0	5.0	5.0	1
505-5508	2:1	1.0	90	40	30	2.0	1.0	N/A	2
505-5509	2:1	5.0	180	60	30	3.0	2.0	N/A	2
505-5510	2:1:1	1.0	90	40	30	2.0	1.0	1.0	1
L05-5511	2:1:1	5.0	180	60	30	3.0	2.0	2.0	1
505-5512	5:1	20.0	360	200	50	5.0	2.0	N/A	2
505-5513	5:1:1	20.0	360	200	50	5.0	2.0	2.0	1
505-5570	1:1	.25	45	5	20	1.0	1.0	N/A	3
505-5571	1:1:1	.25	45	5	20	1.0	1.0	1.0	4
505-5572	1:1	1.0	90	20	30	2.0	2.0	N/A	3
505-5573	1:1:1	1.0	90	20	30	2.0	2.0	2.0	4
505-5574	1:1	5.0	180	45	30	3.0	3.0	N/A	3
505-5575	1:1:1	5.0	180	45	30	3.0	3.0	3.0	4
505-5576	1:1	20.0	360	200	50	6.0	6.0	N/A	3
505-5577	1:1:1	20.0	360	75	50	3.0	3.0	3.0	4
505-5578	2:1	1.0	90	40	30	2.0	1.0	N/A	3
505-5579	2:1:1	1.0	90	60	30	2.0	1.0	1.0	4
505-5580	2:1	5.0	180	40	30	3.0	2.0	N/A	3
505-5581	2:1:1	5.0	180	45	30	3.0	2.0	2.0	4
505-5582	2:1	20.0	360	200	75	5.0	3.0	N/A	3
505-5583	2:1:1	20.0	360	200	75	3.0	2.0	2.0	4
505-5584	5:1	20.0	360	200	50	5.0	2.0	N/A	3
505-5585	5:1:1	20.0	360	200	50	5.0	2.0	2.0	4

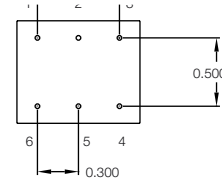
Note: Part numbers beginning with "L" are RoHS compliant.



TOP VIEW



SIDE VIEW



BOTTOM VIEW

