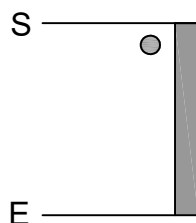


Product Type	Power Inductor		
GT Part Number	L01-2900 ~ 2936	Index	
Customer Part Number	51VXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		



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SCHEMATIC:**TECHNICAL DETAILS:**

Operating frequency upto 100KHz
Operating temperature = -40° to +125°C

ELECTRICAL & MECHANICAL SPECIFICATION:

GT Part Number	Customer Part Number	Electrical Specifications @25°C					Mechanical Dimensions	
		Rated Current (I _{dc}) Amps	No Load Inductance (L _o in µH) ±15% @10kHz/100mV	Load Inductance in µH (DC Bias @ Rated Current) Typ. @10kHz/250mV	DCR in Ω	Min. Energy Storage (µJ)	Coil Size (OD x Ht) in mm	Self Lead ø in mm
L01-2900	51V130500	0.5	109	100	0.140	12.5	14 x 8	0.40
L01-2901	51V130501	0.5	167	150	0.173	18.8	15 x 9	0.40
L01-2902	51V130502	0.5	258	220	0.215	27.5	15 x 9	0.40
L01-2903	51V130503	0.5	393	330	0.265	41.3	15 x 9	0.40
L01-2904	51V130504	0.5	557	470	0.322	58.8	20 x 9	0.40
L01-2905	51V131000	1.0	37	33	0.052	16.5	14 x 8	0.50
L01-2906	51V131001	1.0	53	47	0.063	23.5	14 x 8	0.50
L01-2907	51V131002	1.0	80	68	0.077	34	14 x 9	0.50
L01-2908	51V171001	1.0	127	100	0.097	50	15 x 9	0.50
L01-2909	51V171002	1.0	207	150	0.123	75	15 x 9	0.50
L01-2910	51V171003	1.0	345	220	0.196	110	15 x 9	0.45
L01-2911	51V171004	1.0	491	330	0.193	165	20 x 9	0.50
L01-2912	51V171005	1.0	601	470	0.180	235	27 x 13	0.60



Product Type	Power Inductor		
GT Part Number	L01-2900 ~ 2936	Index	
Customer Part Number	51VXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		

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ELECTRICAL & MECHANICAL SPECIFICATION:

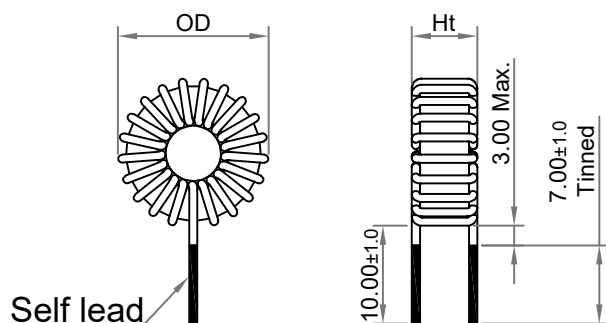
GT Part Number	Customer Part Number	Electrical Specifications @25°C					Mechanical Dimensions	
		Rated Current (Idc) in Amps	No Load Inductance (Lo in µH) ±15% @10kHz/100mV	Load Inductance in µH (DC Bias @ Rated Current) Typ. @10kHz/250mV	DCR in Ω	Min. Energy Storage (µJ)	Coil Size (OD x Ht) in mm	Self Lead ø in mm
L01-2913	51V1327UH2A	2.0	27	22	0.070	44	14 x 8	0.40
L01-2914	51V1773UH2A	2.0	73	47	0.090	94	15 x 9	0.45
L01-2915	51V17109UH2A	2.0	109	68	0.089	136	15 x 9	0.50
L01-2916	51V20207UH2A	2.0	207	150	0.106	300	25 x 12	0.60
L01-2917	51V20328UH2A	2.0	328	220	0.153	440	25 x 11	0.56
L01-2918	51V20575UH2A	2.0	575	330	0.202	660	26 x 12	0.56
L01-2919	51V1334UH3A	3.0	34	22	0.050	99	14 x 8	0.50
L01-2920	51V1749UH3A	3.0	49	33	0.038	149	19 x 8	0.63
L01-2921	51V2092UH3A	3.0	92	68	0.060	306	25 x 12	0.63
L01-2922	51V20157UH3A	3.0	157	100	0.080	458	25 x 12	0.63
L01-2923	51V20256UH3A	3.0	256	150	0.107	675	25 x 12	0.63
L01-2924	51V27346UH3A	3.0	346	220	0.134	990	29 x 13	0.63
L01-2925	51V27625UH3A	3.0	625	330	0.142	1485	30 x 15	0.71
L01-2926	51V38727UH3A	3.0	727	470	0.187	2115	42 x 14	0.67
L01-2927	51V2048UH5A	5.0	48	33	0.036	413	25 x 12	0.71
L01-2928	51V2082UH5A	5.0	82	47	0.043	588	25 x 12	0.75
L01-2929	51V20137UH5A	5.0	137	68	0.055	850	26 x 12	0.75
L01-2930	51V27172UH5A	5.0	172	100	0.059	1250	30 x 14	0.80
L01-2931	51V32221UH5A	5.0	221	150	0.094	1875	41 x 14	0.71
L01-2932	51V32381UH5A	5.0	381	220	0.097	2750	41 x 14	0.80
L01-2933	51V3284UH7.5A	7.5	84	47	0.026	1322	31 x 14	1.00
L01-2934	51V3284UH7.5A	7.5	105	68	0.040	1913	42 x 14	0.90
L01-2935	51V3289UH10A	10	89	68	0.042	3400	50 x 21	0.90
L01-2936	51V38152UH10A	10	152	100	0.044	5000	50 x 21	1.00

Product Type	Power Inductor		
GT Part Number	L01-2900 ~ 2936	Index	
Customer Part Number	51VXX XXXX		
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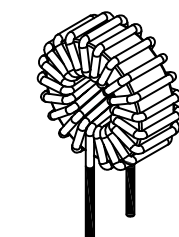
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MECHANICAL SPECIFICATIONS:



FRONT VIEW

SIDE VIEW

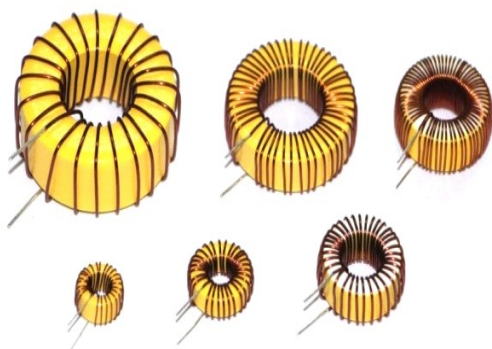


ISOMETRIC VIEW

PACKING LABEL INFORMATION:

L01-29XX
GT yr/wk
51VXX XXXX

PICTURES FOR SAMPLES:



All dimensions are in mm
Dimensional tolerance $\pm 0.50\text{mm}$

Product Finished with: ☐ Varnished ☒ Non-Varnished ☐ Vacuum ☐ Non-Vacuum ☐ Baking ☐ Air Dry	☐ Potted	☐ Fully Potted	☐ Vacuum	☐ Baking
	☒ Un Potted	☐ Partially Potted	☐ Non-Vacuum	☐ Air Dry
This product may contain harmful substances, it may require proper disposal subject to statutory & regulatory laws defined by the local governance of its own country/region as applicable at the time of disposal.				
Date:		Approval of Customer :		
-----Issued-----		1	0	Veerappan K
Changes		Issue	Rev	Initial
				Date

Product Type	Power Inductor		
GT Part Number	L01-2900 ~ 2936	Index	-
Customer Part Number	51VXX XXXX		
Customer	SCHUKAT		
Place of Manufacture	GT Electronic India		
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Item no.	Item Description	Insulating Material	Material Designation	Manufacturer	UL Number
1	Core Insulation	Epoxy (EP) insulation paint	H04-19A (a)	ZHEJIANG TIANNU GROUP PAINT CO LTD or Equivalent	E309437
2	Round Enamelled Copper Wire	BC-Polyester / OC-Polyamide-imide	Preci-7, MW-35C	PRECISION WIRES INDIA LTD or Equivalent	E174288
		BC-Polyurethane	UEW-F, MW-79C	SIAM PACIFIC ELECTRIC WIRE & CABLE CO LTD or Equivalent	E142108

Date:		Approval of Customer :	
-----Initial Issue -----		0	K.Veerappan
Changes		Rev	Prepared
			Date